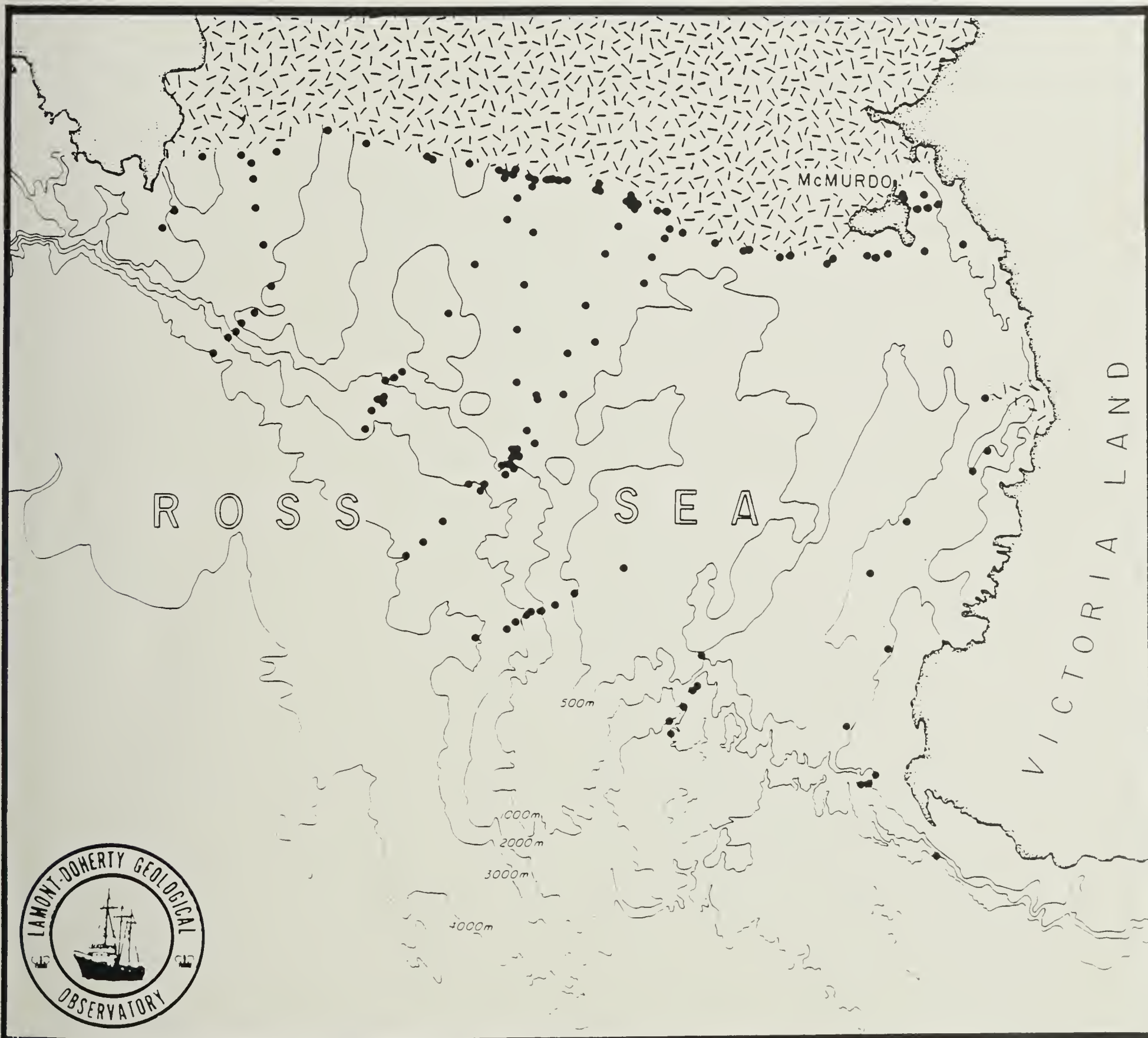
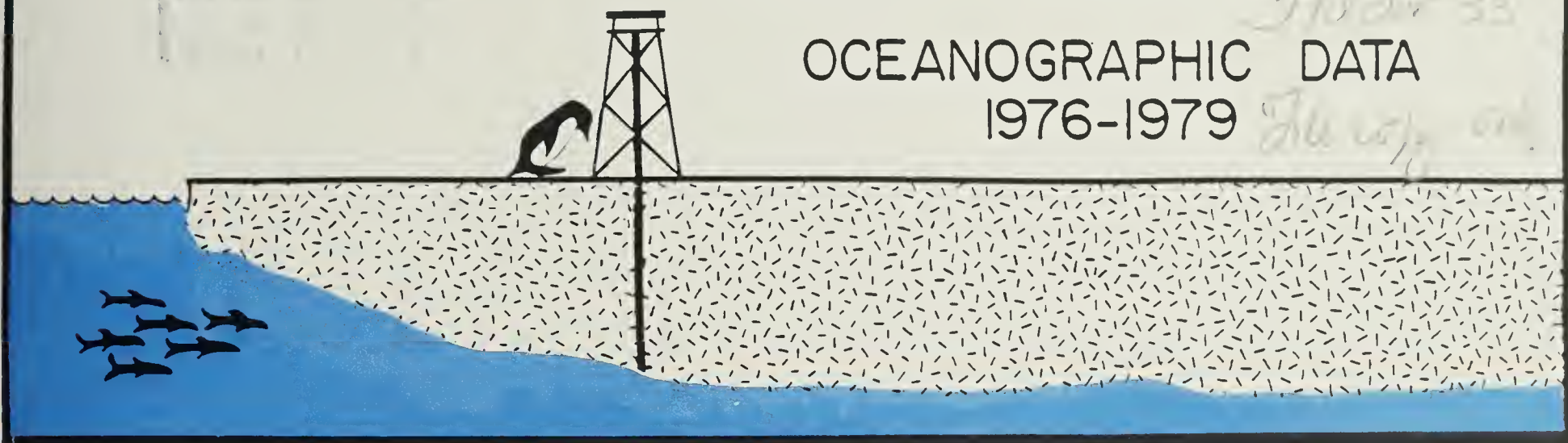


ROSS ICE SHELF PROJECT

OCEANOGRAPHIC DATA
1976-1979





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Oceanographic Data in the Ross Sea
and along George V Coast

1976 - 1979

LDGO-82-1

GRANT # DPP-79-18674

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1982



A view along the Ross Ice Shelf "Barrier" from the bridge of BURTON ISLAND during Deep Freeze 78.

PROJECT SUMMARY

We report physical oceanographic measurements made during the austral summers (December-February) of 1976-77, 1977-78 and 1978-79 as part of the Ross Ice Shelf Project (RISP, 1974). The primary Lamont interest in this program has been to evaluate interactions between seawater and the Antarctic ice shelves and to better understand the large-scale Ross Sea circulation (Jacobs et al., 1979). The several field programs can be divided into two types: 1) observations beneath the Ross Ice Shelf at the "J-9" site ($\approx 82^{\circ}21'S$; $168^{\circ}41'W$) via access holes that were melted through the glacial ice, and 2) the completion and reoccupation of a detailed grid of oceanographic stations throughout the Ross Sea. The first objective was carried out over two-week periods during late December 1977 and 1978, via access holes made and maintained with a flame jet drill the first year (Browning and Somerville, 1978) and with a hot water drill the second year (Browning et al., 1979). Due to logistic constraints the second objective was never fully realized, but over the three-years we did make measurements over most of the Ross Sea (front cover) and along the George V Coast (back cover). Station maps and project descriptions for individual seasons have appeared elsewhere (Jacobs, 1977; Jacobs et al., 1978; 1979; 1981).

Measurements were made from the Ice Shelf and from three U.S. Coast Guard icebreakers--NORTHWIND (NW 77), BURTON ISLAND (BI 78) and GLACIER (GL 79). 1978 was BURTON ISLAND's final year in support of scientific operations in the Antarctic. Water sampling was accomplished with several generations of oceanographic equipment: rosettes, Nansen bottles, VanDorn bottles, specially modified PVC and polycarbonate water bottles, submersible pumps and Zubrycki thermometer buckets. We made vertical salinity/temperature/depth (STD) profiles with an aged Plessey 9006 STD (Fig. 1), with two Plessey 9040 STD's,



Fig. 1: M.R. Rodman and A.F. Amos aboard NORTHWIND in December, 1976, with a Plessey 9006 STD and water sampler.

with Neil Brown Instrument Systems (NBIS) conductivity/temperature/depth/oxygen (CTD-0) equipment, and temperature/depth profiles with Sippican Expendable Bathythermograph (XBT) gear, both standard and modified with a Lamont expanded-scale recorder. This array of equipment and platforms somewhat complicated the usual lengthy data reduction process.

In addition to temperature, salinity, oxygen and nutrients, sampling was carried out for tritium, barium, oxygen isotopes, diatoms, and sediments. Most of these collections were preserved for processing in the U.S. or elsewhere. Photographs were taken beneath the ice shelf at J-9. Ocean currents were measured at J-9 for up to 48 hours and near the ice shelf in the Ross Sea for seven months. Most edited ocean station data will be on file at the National Oceanographic Data Center.

METHODS

Serial salinity, temperature, depth and dissolved oxygen measurements provided the standards to which the shipboard STD/CTD records were corrected. Lamont deep-sea reversing thermometers, calibrated at the Northwest Regional Calibration Center and read to the nearest $.01^{\circ}\text{C}$, were also used at J-9. Large systematic differences between temperatures measured with these and with borrowed thermometers on GLACIER degraded the temperature accuracy on that cruise to about $.02^{\circ}\text{C}$.

At sea, water samples were drawn from PVC rosette samplers (NORTHWIND and GLACIER) or from metal Nansen bottles (BURTON ISLAND) and processed aboard ship on Bissett-Berman or Guildline laboratory salinometers, standardized to IAPSO Standard Seawater batches P₅₅, P₆₆, P₇₁, P₇₆ and P₇₉. Mantyla (1980) gives a good account of the salinity differences that can be expected between different batches of standard seawater. Thirty-four paired salinity samples from bottles tripped at the same NORTHWIND station/depth differed by an average of $.004 \text{ }^{\circ}/\text{‰}$ ($\sigma = .004$). Precautions were taken to minimize sampling problems associated with raising seawater near its *in situ* freezing point to a ship's deck, in turn often below freezing. However, it is probable that ice crystals formed in the water bottles on a few stations, slightly altering the salinity or other parameters. Underway surface salinities obtained with the PVC thermometer buckets are reported to the nearest 10 ppm.

Anticipating there would be ice crystal formation when seawater initially at its freezing point were raised to the ice shelf surface, we added a pressure release hose inside Niskin water bottles but open to the external environment. Thereby volume expansion could be accommodated without forcing brine out the end caps. At the surface the bottles would be warmed and agitated before sampling, with the detection of ice crystals facilitated by use of the polycarbonate (clear plastic) samplers. This procedure may have

worked, but more significant contamination was caused by diesel fuel during the first season and by slush ice accumulated during sampler descent through the ice hole. Other precautionary measures led to the design of aluminum cages to protect the samplers and thermometer frames during passage through the ice (Fig. 2) and to a simple melting wax release (Suckling, 1975) to close the samplers at depth. In practice it was found that most standard water bottles passed unscathed through the ice and could be 'tripped' by one or two heavy messengers.



Fig. 2: Modified water bottle and protective frame used for hydrographic casts through sea ice in McMurdo Sound and at J-9.

The most reliable water sampling method at J-9 proved to be a submersible pump (Fig. 3) with which we obtained water from 5 levels below the ice in 1977 (station J9) and from 20 levels in 1978 (station J14). Pump depth was determined by wire out and previously established ice thickness, sea level and sea floor relationships (Fig. 4). Some freezing may have occurred within the pump or hose, as flow was reportedly restricted on one or two occasions. This may

be reflected in a somewhat larger than expected scatter in the 0-18 data (Jacobs and Fairbanks, in prep.), but for other data the J9 and J14 vertical profiles are relatively smooth. Data taken within 25 m of the sea floor at J-9, mostly from individual sample bottles, show a range and standard deviation of $.06^{\circ}\text{C}$, $\sigma = .02$ (11 temperatures); $.065^{\circ}/\text{‰}$, $\sigma = .019$ (17 salinities); and 0.15 ml/l , $\sigma = .05$ (15 dissolved oxygens). The temperature variations are about the same as measured throughout the J-9 water column by other investi-



Fig. 3: H. Ueda and J. Rand (CRREL) ready a submersible pump for use through the J-9 access hole. U.S. Navy photo.

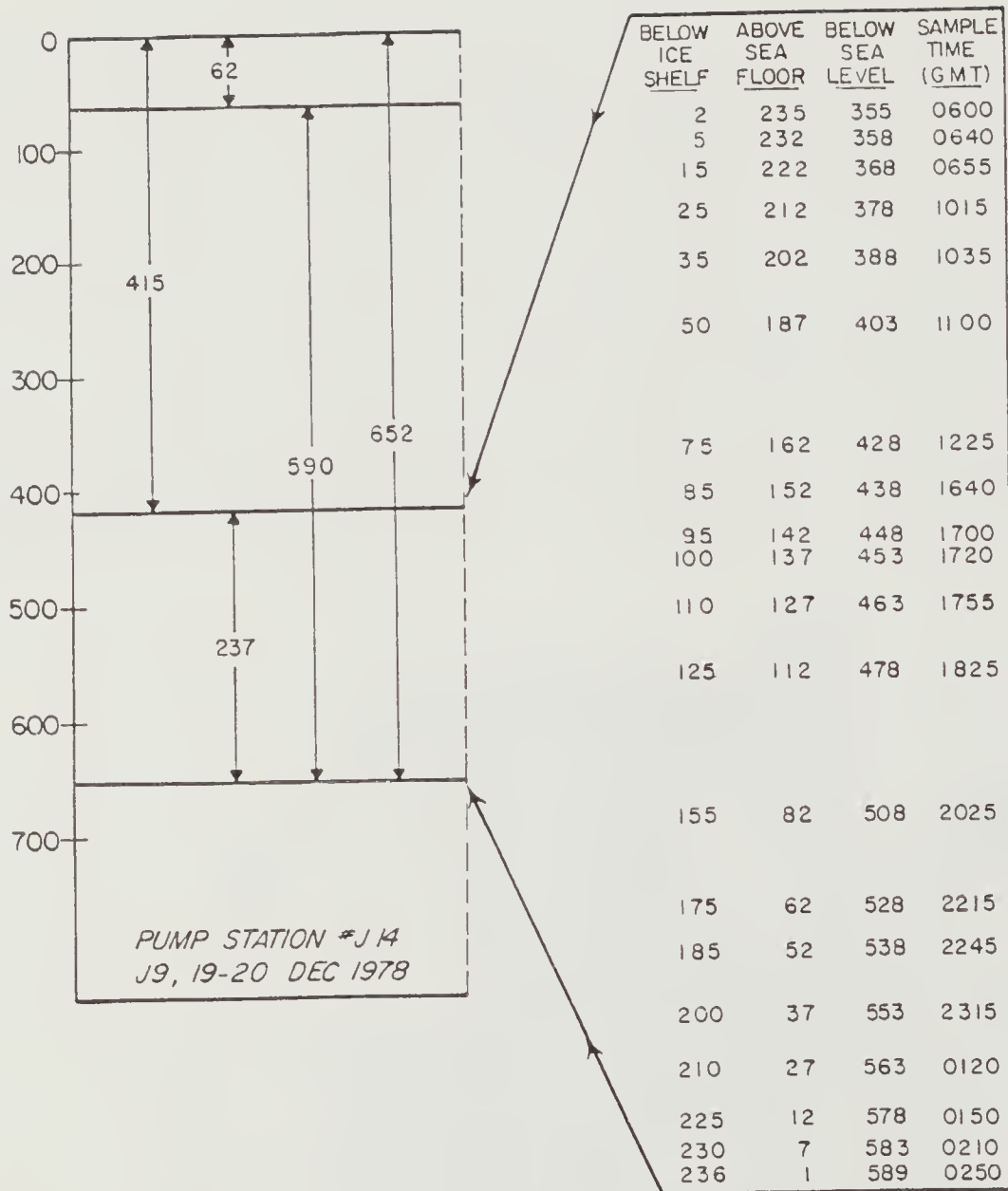


Fig. 4:
Ice thickness, water depth and sample level relationships (m) for pump station J14 at J-9. 415 = ice shelf thickness, 62 = depth to sea level in J-9 access hole, 237 = thickness of seawater column under ice, 590 = distance from sea level to sea floor under ice shelf, 652 = distance from top of ice shelf to sea floor.

gators (Gilmour, 1979; Zotikov and Zagorodnov, 1979). More than half the variability in salinity and other parameters probably resulted from phase changes or other water sampler contamination problems. We have substituted (FLAG = C1) salinity values interpolated from the pump station data for several obviously contaminated J-9 water bottle salinities.

Dissolved oxygen samples were taken at J-9 and on many NW and GL stations. Oxygen titrations, essentially after Carpenter (1965), were carried out under difficult circumstances on NORTHWIND. This probably contributed to greater scatter, on a T/O_2 diagram, than is displayed by selected NEMO stations (SIO, 1974), although the latter observations were made in more homogeneous water north of the Ross Sea continental shelf. Station 58 oxygens

appear anomalously low below the surface and there are no other good data to corroborate very high values (> 7 ml/l) below 250 m on stations 26, 30, 35, 37 and 50. The bulk of the NORTHWIND dissolved oxygen data agrees with earlier observations, however, and the T/O_2 scatter is less than that shown for a comparable set of stations in the Weddell Sea (Weiss et al., 1979).

With the exception of station 213, below 50 m, GLACIER oxygens on stations 211-219 in McMurdo Sound appear internally consistent, averaging about 1 ml/l higher than data taken through an ice hole there at about the same time of year (Tressler and Ommundsen, 1962). Oxygen samples on GLACIER stations 170-209 and at J-9 in December 1977, drawn and pickled for later analysis, gave extremely erratic numbers which have been discarded.

Most NORTHWIND silicate and phosphate samples were processed aboard ship, using a Beckman DU spectrophotometer and following procedures in the Scripps Marine Technicians' Handbooks (e.g., Anderson, 1971). These methods are modifications of Strickland and Parsons (1968) for silicate and the procedure of Murphy and Riley (1962) for phosphate. All nutrient samples were stored in polyethylene bottles. Eighteen duplicate silicate samples and fifteen duplicate phosphate samples differed by averages of 1 and .04 $\mu\text{g-at/l}$, respectively. Silicate samples on stations 45, 51, 53, 65, 79 and 84 were acidified with ~ 1.5 ml HCl/100 ml unknown, and subsequently processed at the University of Texas, Port Aransas Marine Laboratory. Samples preserved this way on two test stations ranged from 2% higher to 13% lower than shipboard determinations.

A few BURTON ISLAND silicate samples and all J-9 and GLACIER nutrient samples were also acidified (a few with H_2SO_4) and processed ashore. A subset of this second group, consisting of frozen but unpickled small aliquots, yielded silicate numbers up to 7.6 $\mu\text{g-at/l}$ lower, necessitating adjustment via

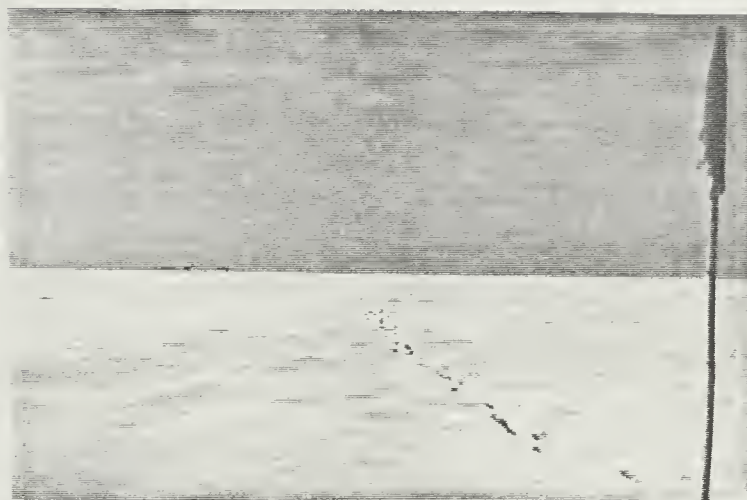
duplicates to the primary set. On a silicate/phosphate diagram, the GLACIER continental shelf nutrients average about 25 $\mu\text{g-at/l}$ lower in silicate and 0.25 $\mu\text{g-at/l}$ higher in phosphate than ELTANIN-37 data (Jacobs et al., 1972) from the same region. Gordon and Molinelli (1982) have reported ELTANIN-37 silicate values to be of marginal quality. GLACIER nutrients are about 10 $\mu\text{g-at/l}$ lower in silicate and 0.10 $\mu\text{g-at/l}$ higher in phosphate than ARIES II data (SIO, 1977) further east along the Adelie Coast. Based upon such comparisons, and upon the NEMO data and GEOSECS station 287 (Craig et al., 1981), we have regionally deleted or flagged as doubtful phosphate values exceeding 2.50 and 2.35 $\mu\text{g-at/l}$.

Tritium sampling was carried out on NORTHWIND, BURTON ISLAND and, during the 1977-78 season, at J-9. University of Miami procedures and argon-filled sample bottles were used to obtain over 90 samples. More than 50 of these were subsequently processed at the Miami Tritium Laboratory, (Östlund et al., 1974). Results appear in the data lists as Tritium Units (TU), with one standard deviation determined to range from $\pm .04$ to $\pm .07$ TU.

Sampling for stable oxygen isotopes was undertaken on all field projects. Seawater was drawn into 25-40 ml glass bottles with polyseal caps which were then double-waxed with parafin. Over 100 samples taken on NORTHWIND and in the McMurdo Sound area were analyzed for $\delta^{18}\text{O}$ under the direction of Y. Horibe at the Ocean Research Institute, University of Tokyo. Individual measurements were made in Horibe's laboratory to a precision of .01 to .10‰ (average .045‰), with each reported value the average of two determinations. More than 70 out of 400 samples taken on the other expeditions have been processed by R. Fairbanks (1982) and J. Lawrence at the Lamont oxygen isotope laboratories.

Over 50 barium samples were taken on NORTHWIND, BURTON ISLAND and at J-9 for J. Edmond, MIT.

Snow samples collected at this site near the J-9 camp (on the horizon) had an $\delta^{18}\text{O}$ content of -26.88‰ .



Sea floor sediments were sampled on numerous NORTHWIND stations by means of a small coring device suspended below the STD. Most sediment samples were sent to the New Zealand Oceanographic Institute, and analyses have been reported by Glasby et al. (1979). Major sediment sampling programs were carried out, concurrent with our work, by other groups at J-9 (e.g., Webb, 1979), and aboard GLACIER along the George V Coast (Anderson et al., 1979).

We made continuous vertical measurements of temperature and salinity vs. depth on NORTHWIND 77 and BURTON ISLAND 78 with Plessey 9006 and 9040 STD's and on GLACIER 79 with a NBIS CTD. Continuous profiles of temperature vs. depth were made at J-9 by other groups (Gilmour, 1979; Zotikov and Zagarodnov, 1979 [Fig. 5]; Foster, 1979). Shipboard station work within the pack ice presents some special hazards to sampling equipment. We were fortunate aboard NORTHWIND to have the use of G. Capacci's "donut" through which the STD/rosette could be lowered (Fig. 6). Constructed of galvanized culvert sections, buoyed by blocks of styrofoam, and craned over the side at each station, it shielded equipment and conducting cable from potentially damaging encounters of the hard, cold kind. A bottom pinger, shown clamped to the side of the STD in Fig. 6, allowed STD/CTD measurements to be made within a few meters of the sea floor.

STD analog records taken on NORTHWIND and BURTON ISLAND were hand-digitized and converted to units of salinity, temperature and depth via parameter/period information entered on station logs at the times of scale changes and other key events. Primary and backup STD digital tape recordings on NORTHWIND both failed to produce retrievable data. CTD-0 data on GLACIER were obtained from audio cassettes, a backup system that functioned well after power failures disabled primary and shipboard computer equipment. STD/CTD data were adjusted to bottle data as necessary and in the manner described in previous data reports (e.g., Jacobs et al., 1980). Merging of individual salinity/depth and temperature/depth profiles introduced some density spikes, not all of which have been removed in the editing process. The STD and CTD



Fig. 5: I. Zotikov, V. Zagarodnov and S. Jacobs negotiate the piggybacking of a temperature profiler above a current meter at J-9. U.S. Navy photograph.

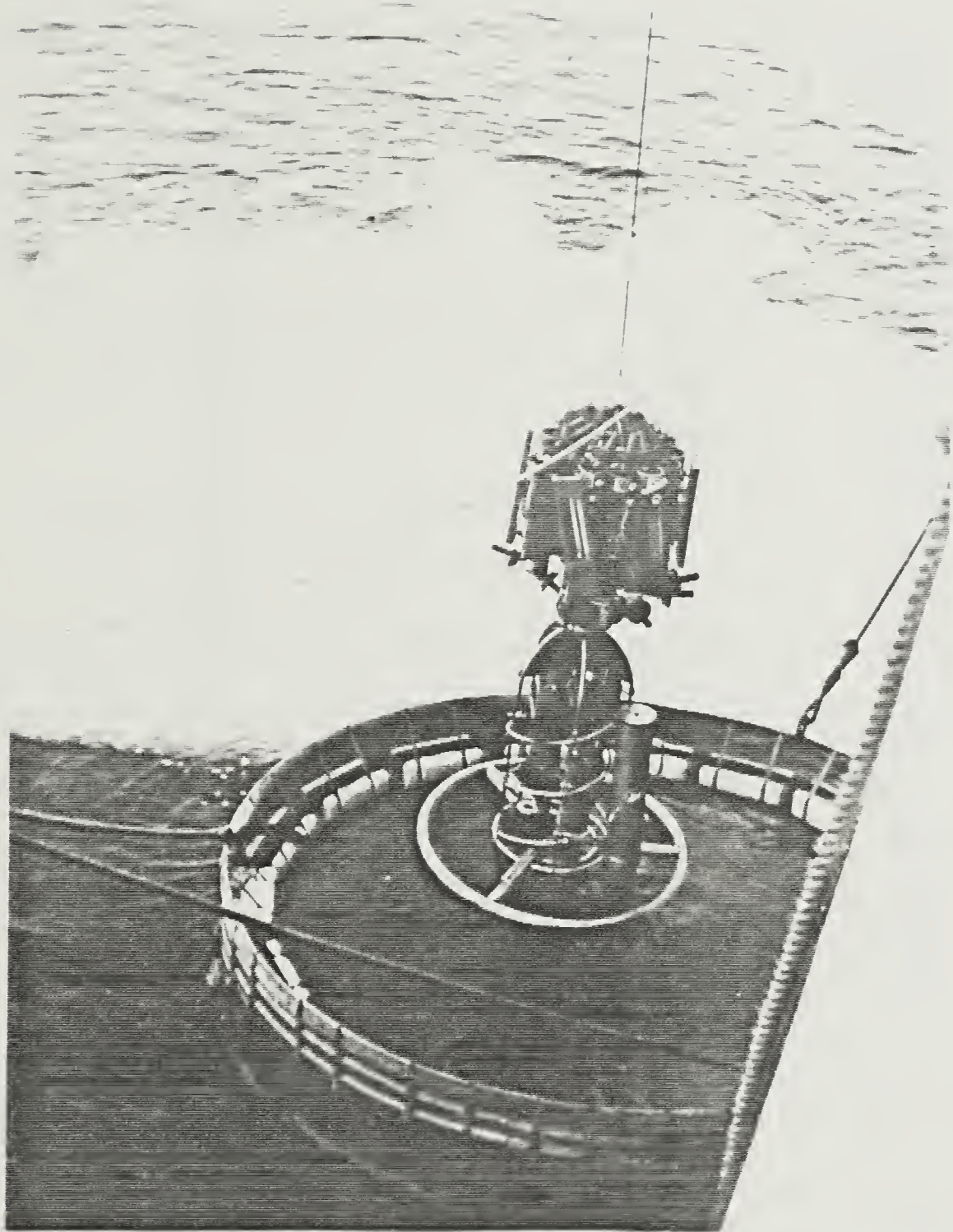


Fig. 6: An STD with rosette sampler and bottom pinger attached is safely lowered through NORTHWIND's "donut" in the Ross Sea, December, 1976.

instruments were not laboratory-calibrated directly prior to or after use in the field. It has been our experience that long logistic lines to Antarctica and frequent shipboard repairs and sensor changes requires that independent baseline measurements be obtained regularly at sea. [At times it has been necessary to continue observations with instruments that could not be repaired in the Antarctic -see below, and Fig. 9.] However, there is usually the

competing requirement that serial bottle data, particularly that taken with rosette samplers, be obtained at parameter maxima and minima in the water column. The net result is that the *in situ* standards can be less precise than would be acceptable in laboratory calibration curves. Nonetheless, most shifts in sensor output have been detectable and it has been possible to combine the data from a sufficient number of stations to define bias and slope corrections within reasonable bounds.

Figures 7 through 11 illustrate some of the smorgasbord of editing problems commonly encountered with STD/CTD data. STD depths were corrected (e.g., Fig. 7) to thermometric depths obtained with unprotected reversing thermometers. Eighty percent of the STD/CTD stations in this report were in water depths <1000 m. On some stations the STD was 'turned on' some distance below the rough or ice-infested sea surface and the resulting gap has been filled by extrapolation from the data below.

Figures 8 and 9 show salinity correction curves for the 9040 and 9006 STD's used on NORTHWIND. The extreme slope demonstrated by shallow sensor #2768 is the largest we have ever encountered and indicates a nonfunctioning pressure compensation circuit. Sensor #5336 salinity corrections were far smaller, but that 9040 unit displayed an unusually large temperature bias and slope over the range of interest (Fig. 10). Both Lamont STD instruments were retired after the NORTHWIND cruise; on BURTON ISLAND we used Coast Guard STD equipment. GLACIER CTD temperatures were biased by $.035^{\circ}\text{C}$ and corrected accordingly.

Dissolved oxygen titrations to which the GLACIER CTD-0 oxygen data could be adjusted were available on only six stations. Further, station-to-station shifts were large and variable with depth (Fig. 11). The expedient adopted was to apply a slope correction above 200 m and a bias below 200 m. Stations

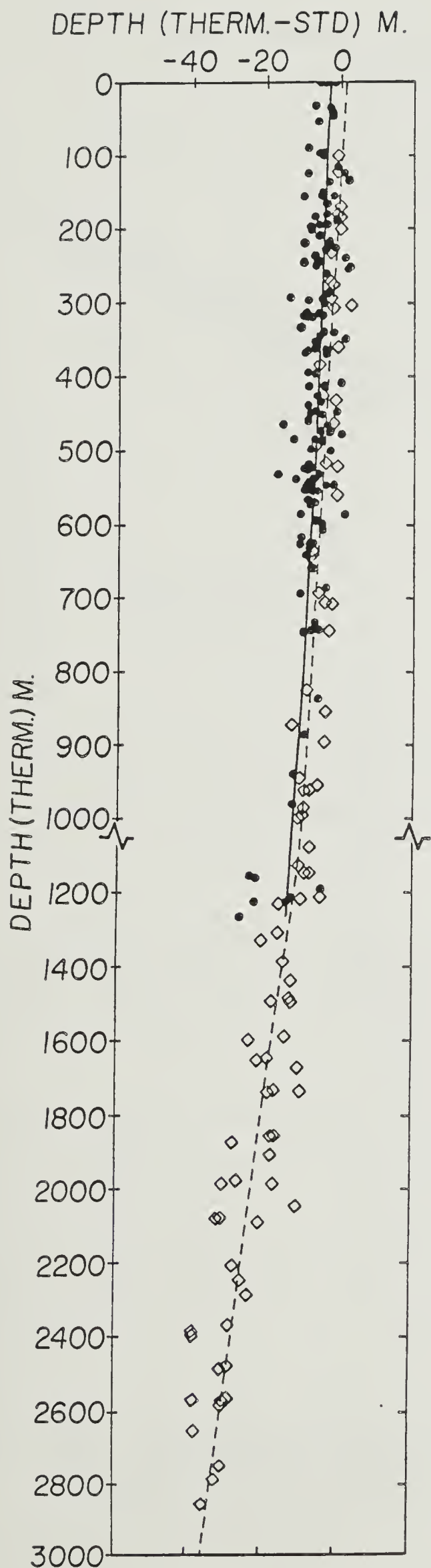


Fig. 7: Depth correction curves for sets of NORTHWIND stations taken with Plessey 9006 (solid line) and 9040 (dashed line) STD's.

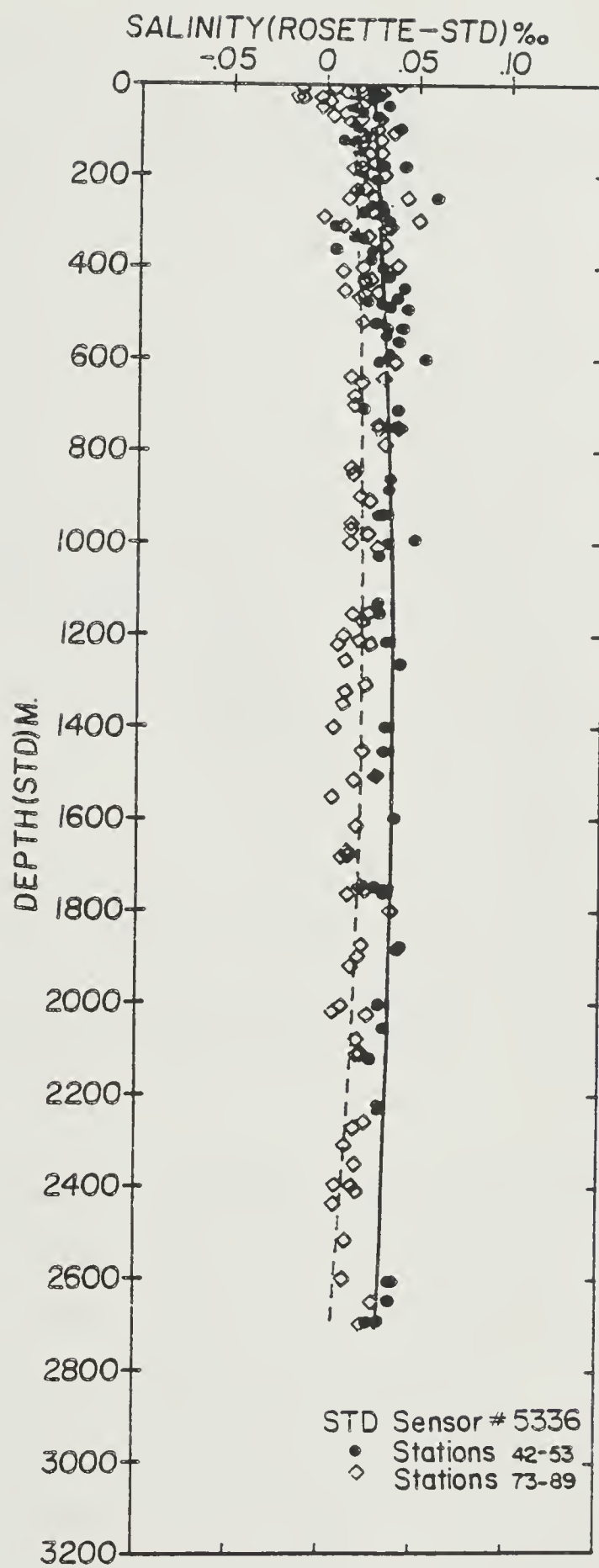


Fig. 8: Salinity correction curves for the Plessey 9040 STD used on NORTHWIND.

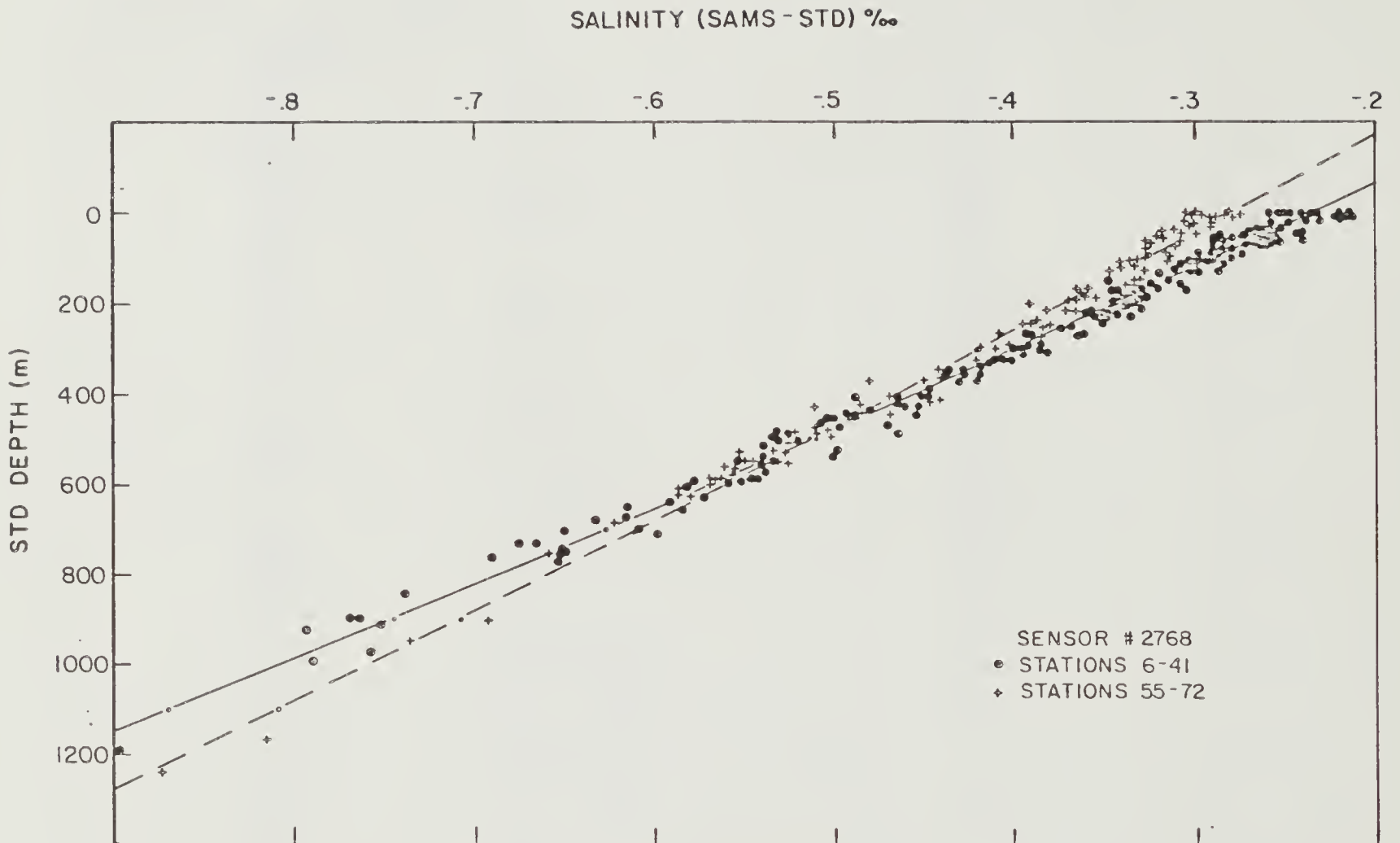


Fig. 9: Salinity correction curves for the Plessey 9006 STD used on NORTHWIND. SAMS = Surface-actuated multiple sampler.

217-222 were corrected individually and the others from best fit curves to those six stations. The resulting CTD-O oxygen data are of marginal quality and appear only as dashed lines on the GL 79 station plots.

Although some original analog records showed significant salinity hysteresis, particularly on BURTON ISLAND, we have processed data taken both during descent and ascent of the STD/CTD. Water samples were usually taken during sensor ascent and many stations were taken near the slope front or near glacial ice, where relatively large T/S changes occur over small horizontal distances. Further, records obtained after immersion for a period of time often appeared more reasonable than near-surface data taken directly after the instruments had been riding on deck for several hours between stations.

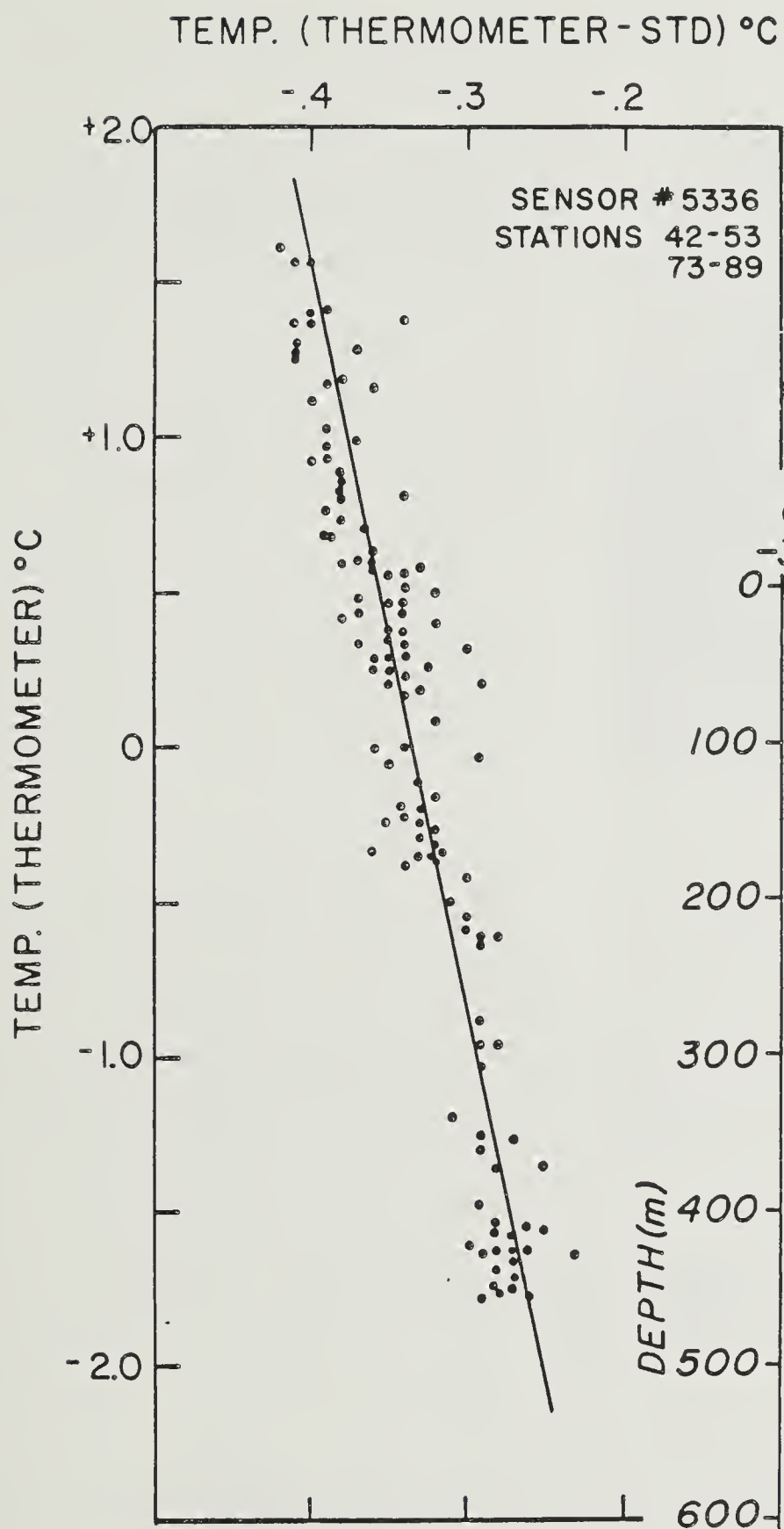


Fig. 10: Temperature correction curve for 9040 STD on NORTHWIND.

Fig. 11: Oxygen comparisons on six stations used to adjust GL 79 CTD-0 data. Open squares = station 220.

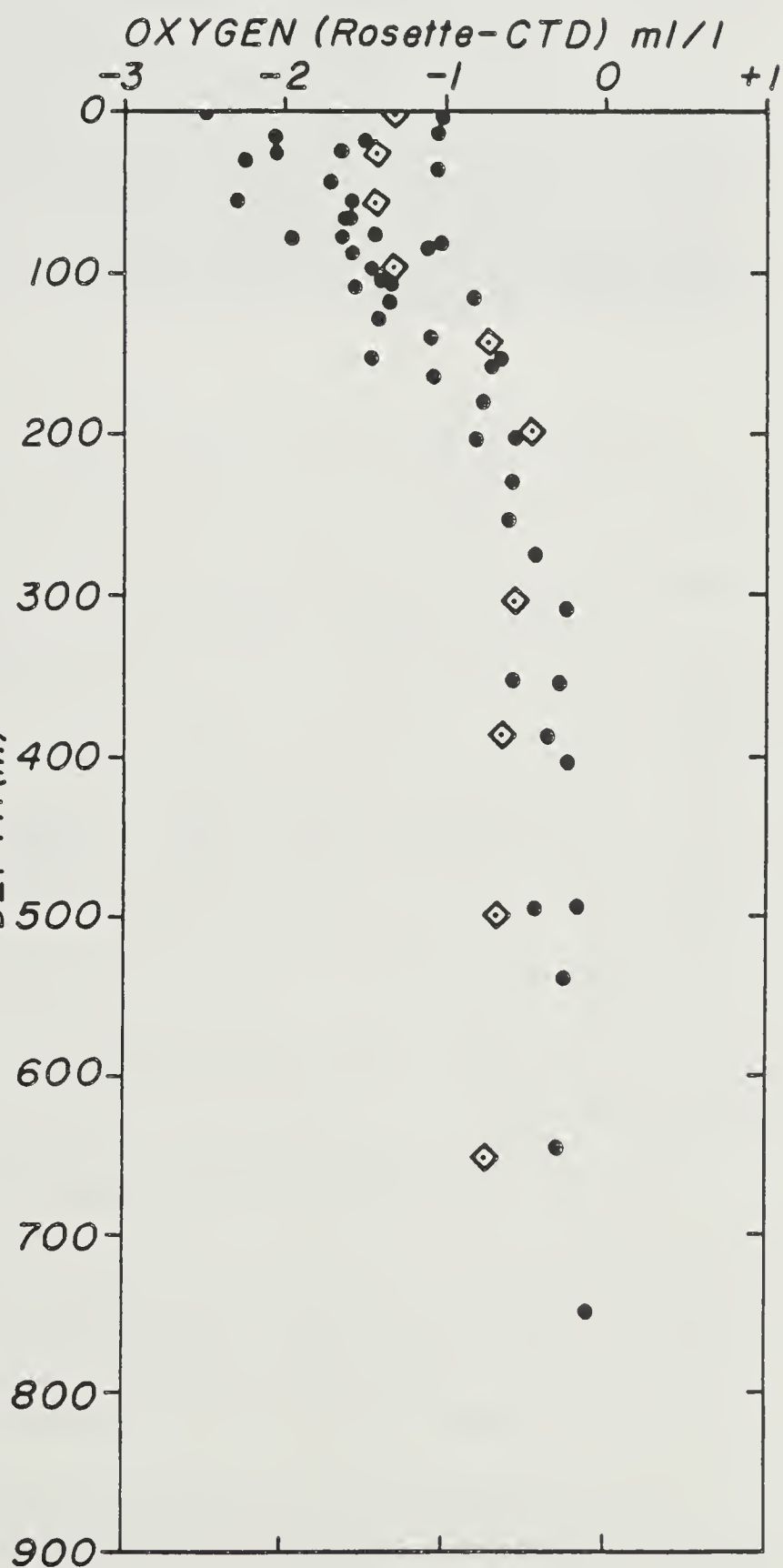




Fig. 12:
J. Szelag takes an unconventional approach to XBT data collection during gale-force winds.

Expendable bathythermograph (XBT) casts (Fig. 12) were made on the icebreakers, usually accompanied by surface samples for salinity and other parameters. The NORTHWIND casts reported here included some probes supplied by the Coast Guard and by the International Southern Ocean Studies program. NORTHWIND casts after #153 were made exclusively by Coast Guard personnel using a standard Sippican analog recorder. About 60% of the NORTHWIND casts prior to #153 and all BI 78 and GL 79 casts were made on expanded-scale Lamont recorders (e.g., Joyce et al., 1976, p. 29-39). Additional XBT casts, not reported here, were made by Coast Guard personnel on the BURTON ISLAND and GLACIER cruises.

All XBT casts were manually digitized at Lamont and converted to temperature/depth, in most cases without adjustment to sea surface temperatures (SST) obtained with bucket thermometers. We don't fully understand the systematic differences between bucket and XBT surface temperatures (Fig. 13), but note that similar observations have been reported previously (Patterson and Sievers, 1979/80). In this instance we have sufficient reason to believe that

uncorrected XBT temperatures are more accurate than bucket SST (see also Georgi et al., 1980). There are occasional periods where apparent shifts occur in small groups of temperature differences (Fig. 13, NORTHWIND #117 through 129; Patterson and Sievers, Fig. 33, #'s 35-45, 112-122). This suggests that different batches of XBT probes, packed a dozen to a box, may differ slightly in thermal response.

NORTHWIND XBT data north of 65°S have appeared in Edwards and Emery (1982). It should be noted, however, that their NW2 transect is incorrectly plotted in the western hemisphere (their Fig. 1) and that some irregularities exist in their positioning of XBT casts at the southern end of that section.

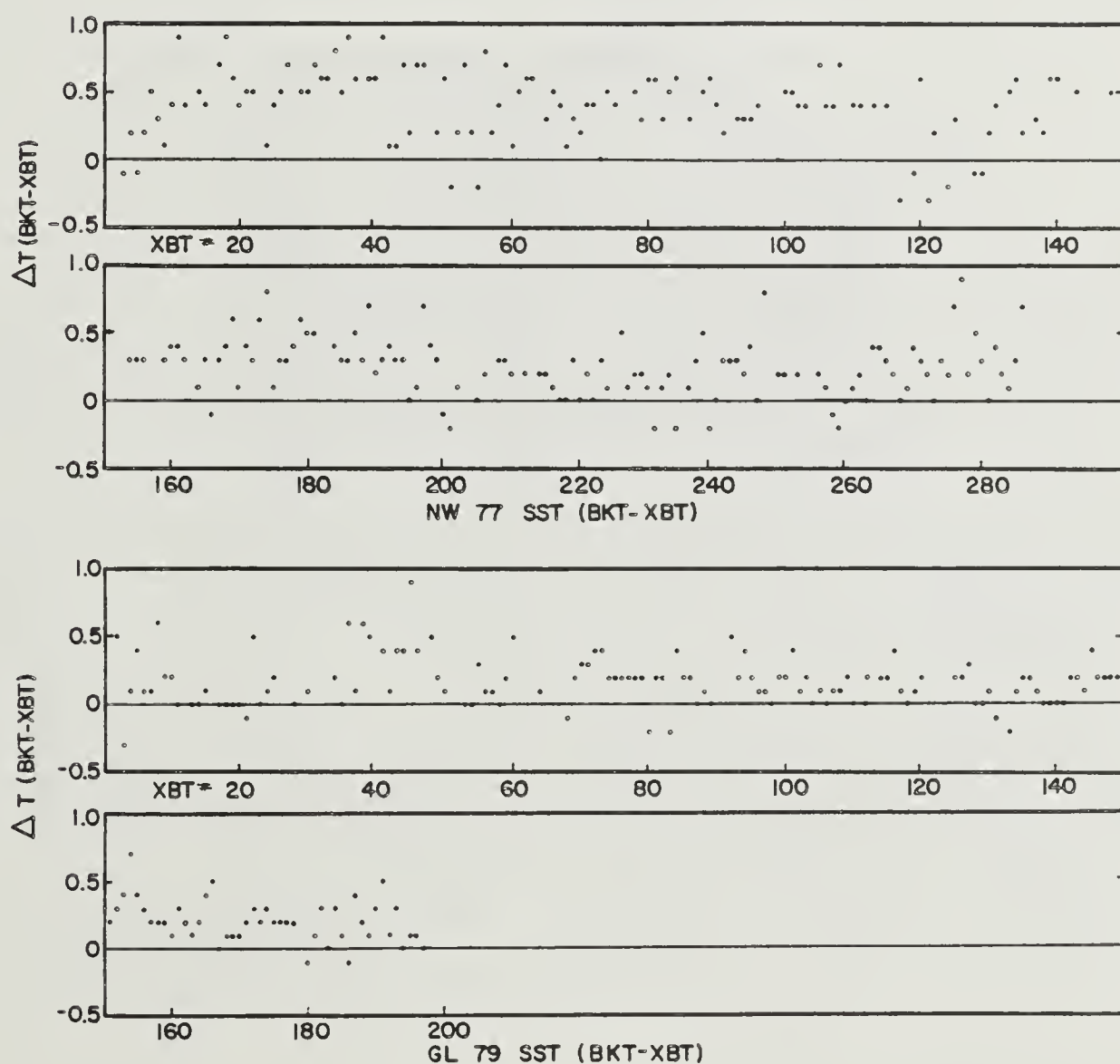


Fig. 13: Difference between surface temperatures obtained with 'yellowback' bucket thermometers and with XBT probes.

Sea surface 'bucket' water samples were taken at the time of many XBT casts and at additional locations along the GL 79 cruise track. Water samples were processed for salinity, silicate, phosphate and sometimes for other contents. The primary results are listed below the XBT profiles and in tabular form for the GL 79 surface sampling program. SST = sea surface temperature from bucket (yellowback) thermometers, while the shallowest XBT probe temperature appears below the XBT number at the top of each plot. The GL 79 surface samples, most accompanied by filters of surface water, were taken under the direction of A.F. Amos, PAML, University of Texas. Several dozen surface water samples taken on NW 77 were also filtered, and those filters are being analyzed for diatom species distributions.



Fig. 14: P. Bruchhausen and J. Ardai chip ice from TV cable sheave at J-9.

A photographic nephelometer was lost before any records could be obtained when its supporting cable slipped from an ice-filled sheave (Fig. 14) breaking a weak link in the line. A TV system was deployed by other groups at J-9 (see Clough and Hansen, 1979). A Lamont deep sea bottom camera with modified in-line configuration was used to take photographs beneath the ice shelf at J-9. A remotely actuated lens cap had to be fabricated on site to reduce lens fouling from diesel fuel and slush ice. A bottom trigger that is standard on the Lamont cameras was initially eliminated to avoid disturbances to the sea

floor. However, focal length could not be gauged accurately by other means available, so after preliminary bottom sampling the trigger system was re-instituted. Photographs of a fish and shrimp (P. Murtaugh, P. C., 1981) have appeared in Bruchhausen et al (1979). We show here only three pictures, within the ice hole (Fig. 15), near the ice-water interface (Fig. 16) and from a few meters above the seafloor (Fig. 17). Plans to photograph the ice shelf base were forestalled when another investigator's equipment got trapped in the closing ice hole at the end of the 1977-78 season.

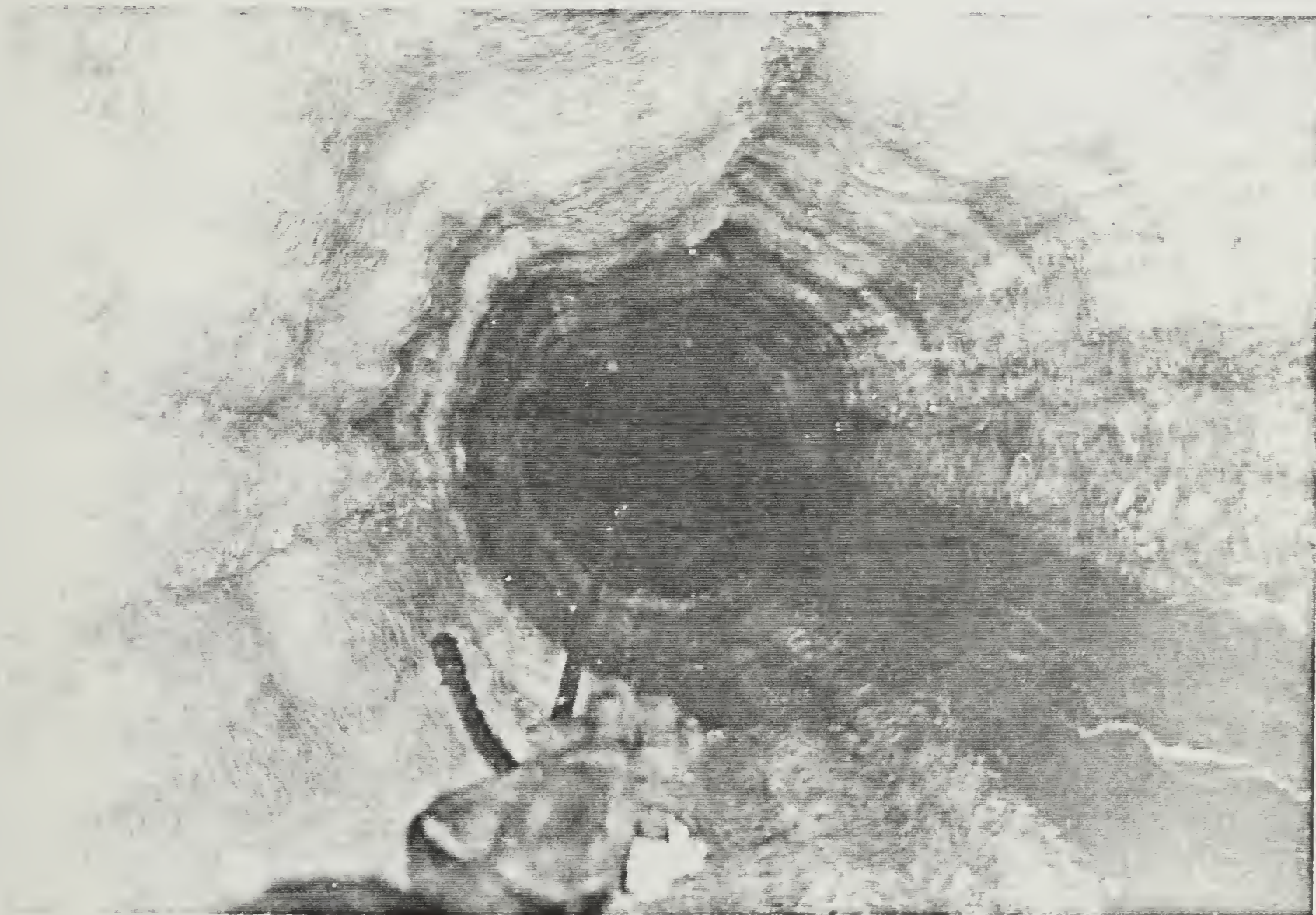


Fig. 15: Photograph within one of the access holes through the ice shelf at J-9. The line at center holds a bottom trigger for the camera.

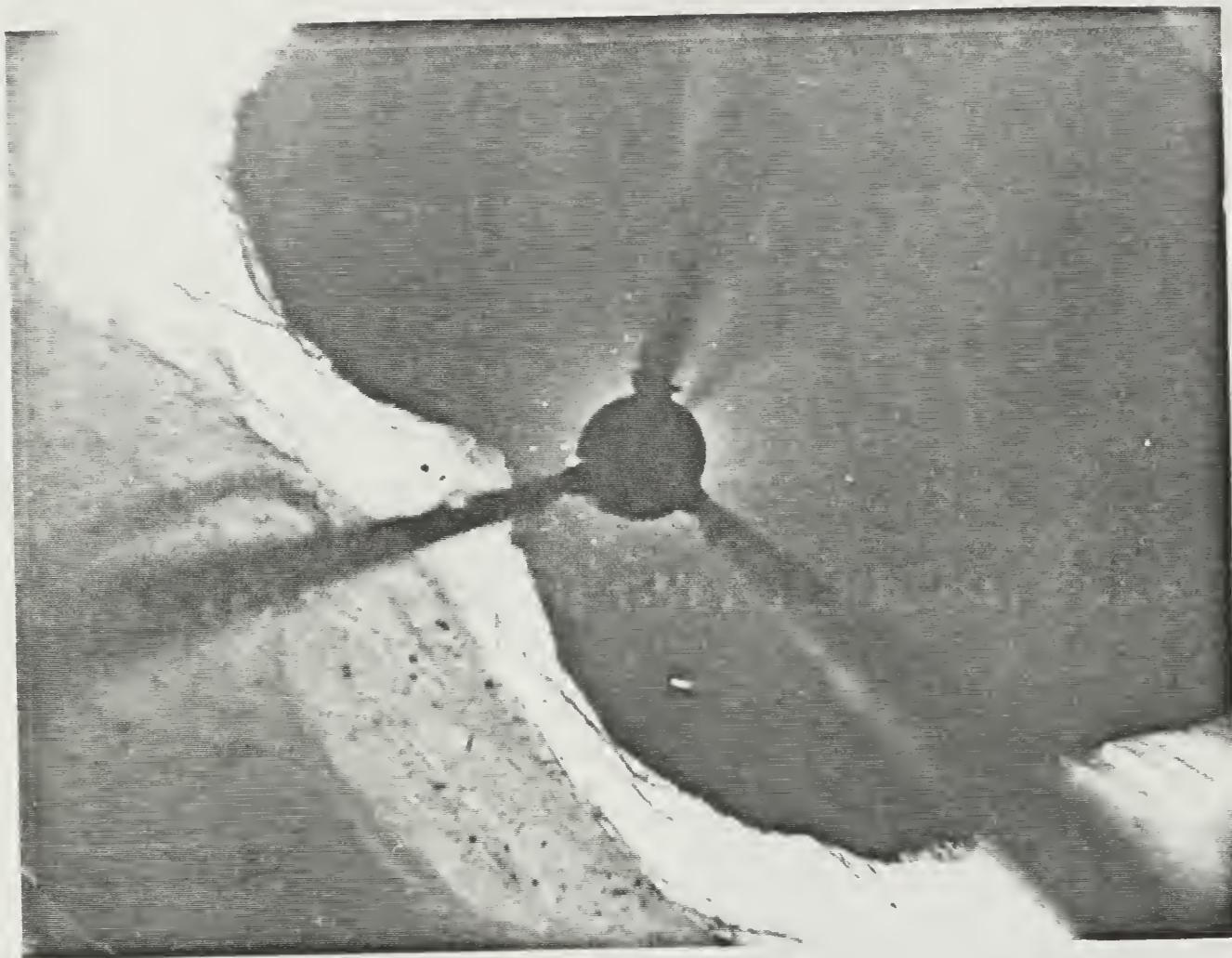


Fig. 16: In this view the light source, suspended below the camera, is about to pass through the base of the ice shelf. Possible ice crystals project below the ice-water interface at lower right (see also Zotikov et al, 1980).



Fig. 17: A December 1978 photo of the camera trigger weight and lineations made by its support cable on the sea floor beneath the ice shelf at J-9.

Several lowerings of a Geodyne current meter were made at J-9 for periods of up to four hours during December, 1977. The first recorded current speed was 5.3 - 5.6 cm/sec at 135 m above the sea floor between 1915 and 1927 GMT on 20 December 1977. Readings at 6-minute intervals for CM stations 77-2, 77-3 and 77-4, are shown here in stick form (Fig. 18). During CM 77-5, 25 m below the ice shelf on 27 December 1977, the vane did not change direction and presumably was clogged by ice in the cold (-2.15°C) water layer directly beneath the ice. Current speeds of up to 7.3 cm/sec between 1450 and 2144 GMT on that station are also suspect.

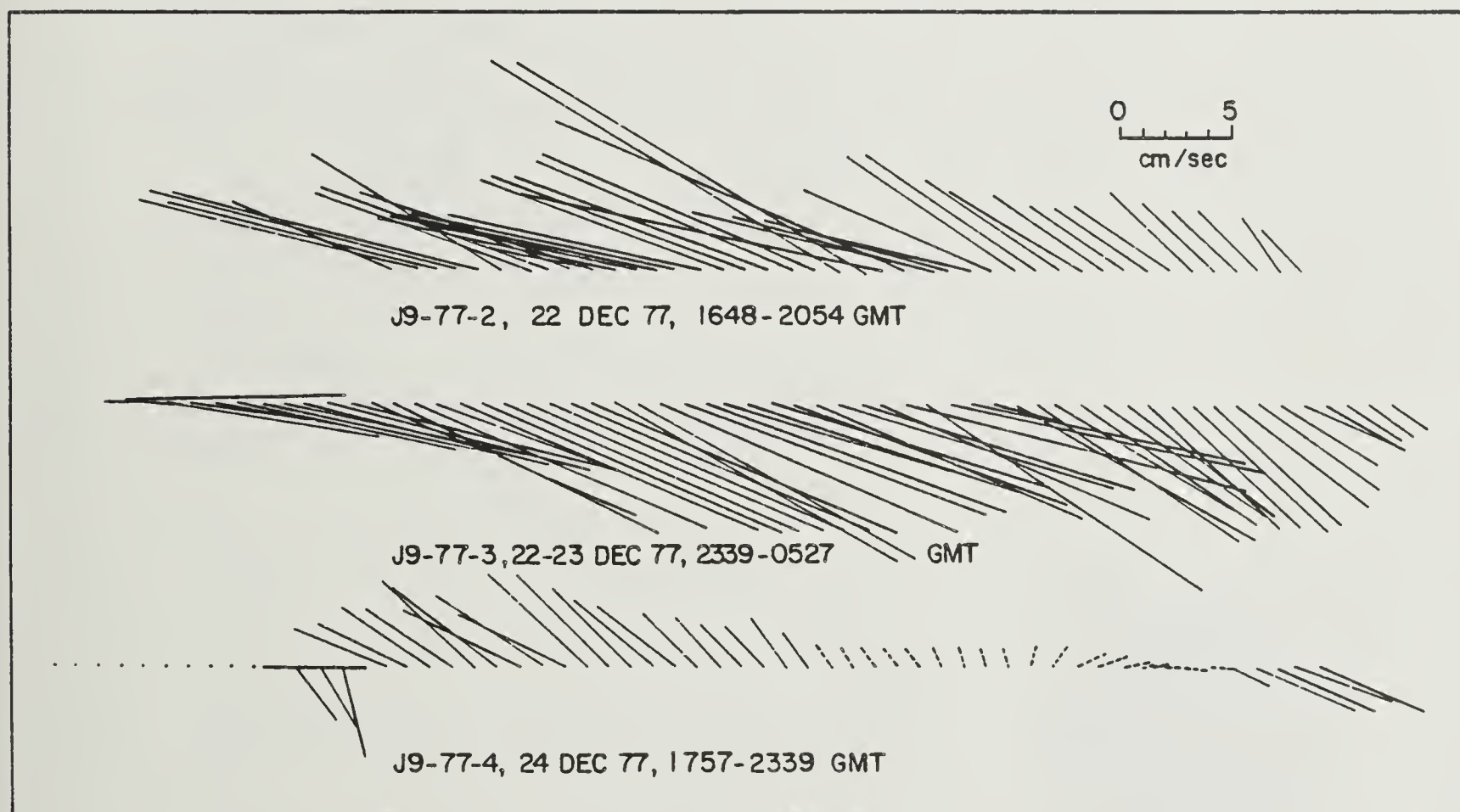


Fig. 18: Current vectors at 6-minute intervals 40-45 m above the sea floor under the ice shelf at J-9. Highest recorded velocities were oriented to the NW or SE.

In December, 1978, paired Hydro Products remote-recording current meters were lowered through the access hole and suspended 25 m and 200 m above the sea floor for intervals of up to two days. On the first experiment no velocity or significant direction changes were recorded at the lower meter.(?)

At the upper meter, currents were apparently below threshold from 1000 GMT, 25 December 1978, through 1800 GMT, 26 December 1978, except for the period between 2230-0545 GMT. During this latter time interval currents reached a maximum of 4.1 cm/sec while rotating CCW from 234° to 126° true. Readings at 3-minute intervals for the two current meters deployed on the second experiment were averaged over 15-minute periods and are plotted in a progressive vector diagram (Fig. 19). Another group had the concession for longer-term current measurements beneath the ice shelf (Kvinge, 1979).

We have recovered, to date, one of three current meter moorings set in February 1978 from BURTON ISLAND in the Ross Sea. The single Aanderaa current meter at this site, BI-78-2 at $78^\circ 01'S$, $179^\circ 46'E$, 445 m below the sea surface, 235 m above the sea floor and 4 km north of the Ross Ice Shelf, produced approximately 7 months of data (Figs. 20 and 21).

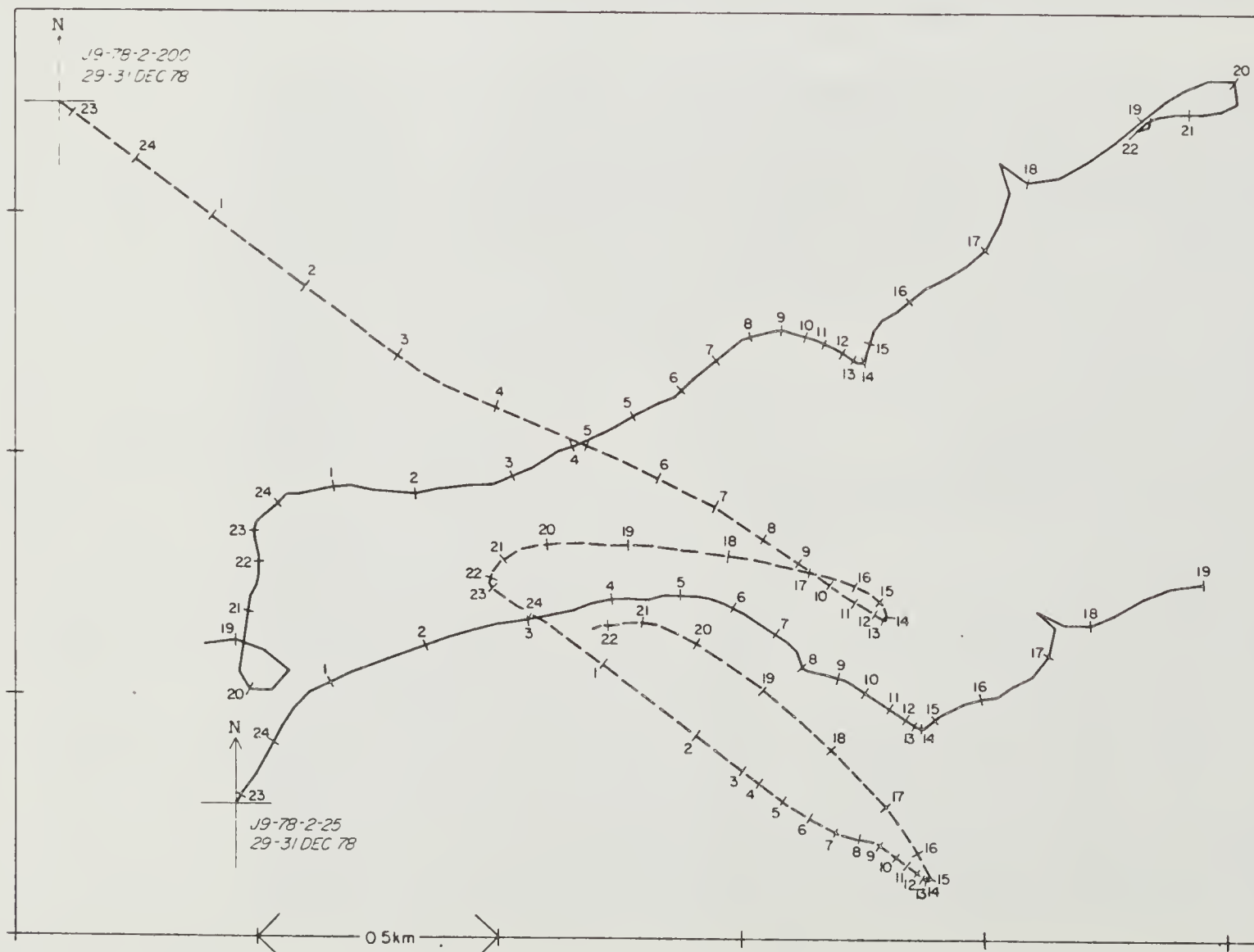
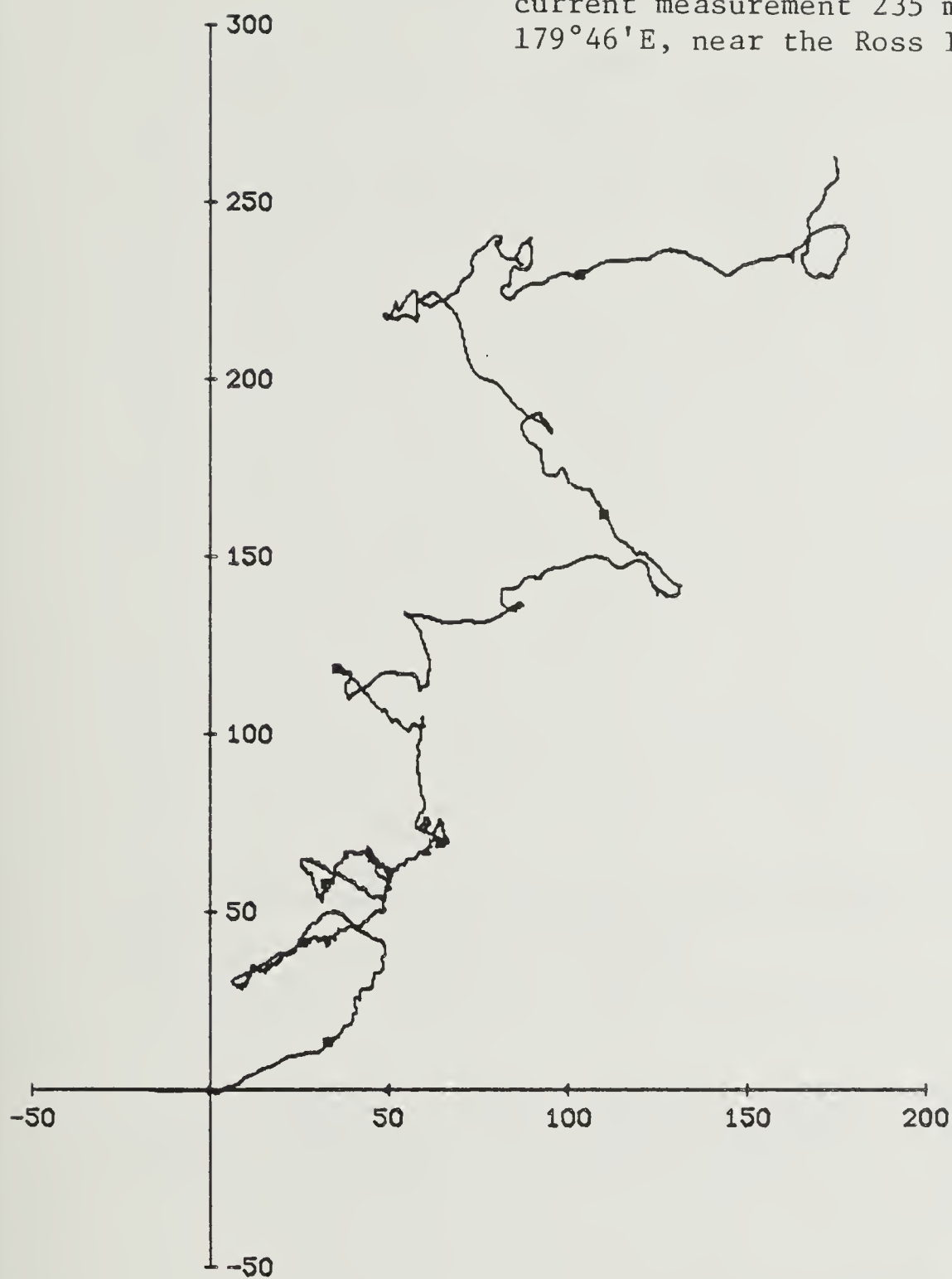


Fig. 19: Progressive vector plots of simultaneous current measurements 25 m (solid line) and 200 m (dashed line) above the sea floor under the ice shelf at J-9. Cross-ticks show GMT hours for two days.

Fig. 20: Progressive vector diagram of 7-month, mid-depth current measurement 235 m above bottom at $78^{\circ}01'S$, $179^{\circ}46'E$, near the Ross Ice Shelf. Scale in km.



CURRENT FROM AANDERAA TAPE 1499/2. 26 JAN 78 - 18 AUG 78.

BURTON ISLAND marks the Ross Ice Shelf Barrier near one current meter mooring.



TEMPERATURE FROM AANDERAA TAPE 1499/2. 26 JAN 78 - 18 AUG 7

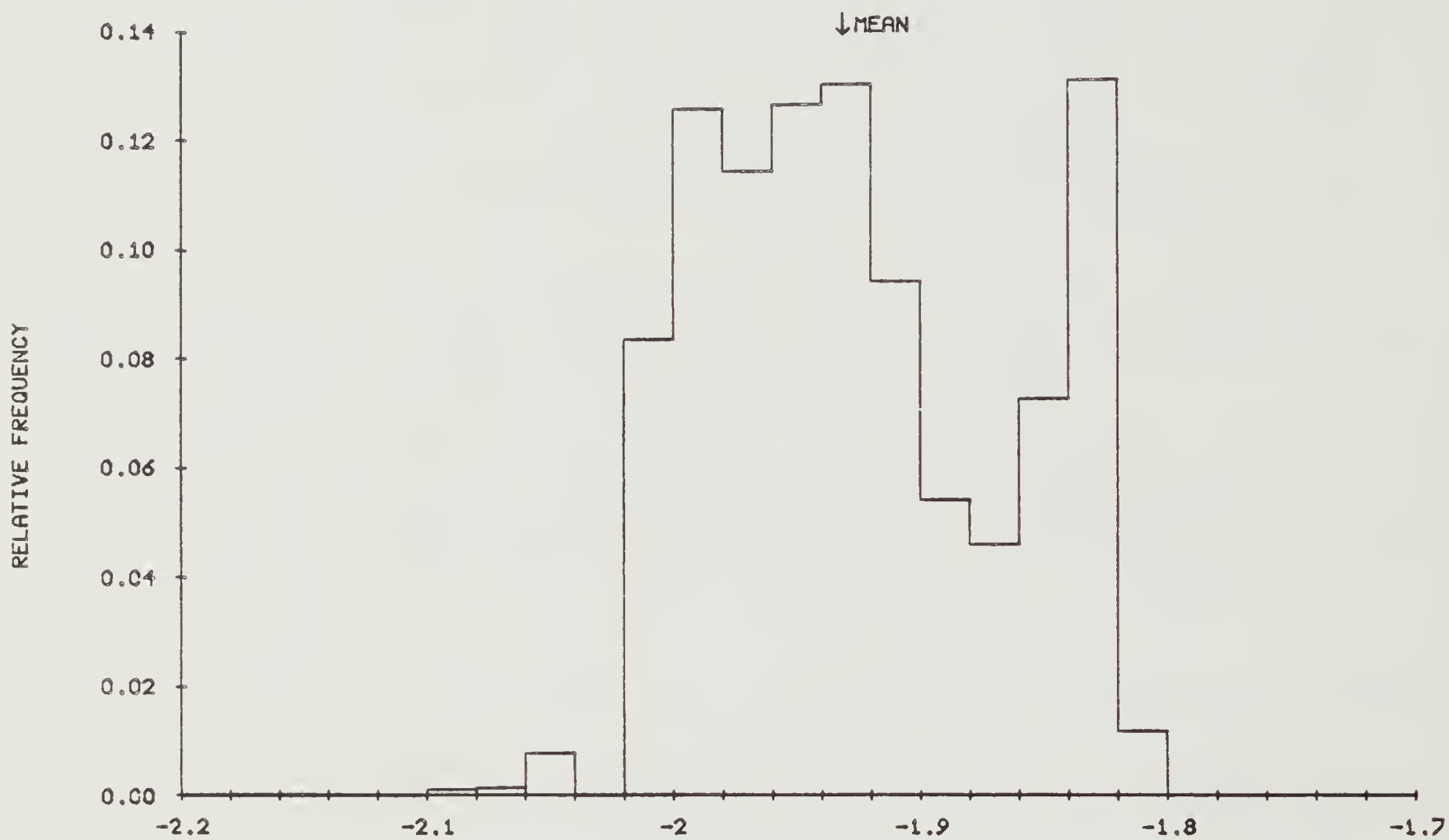


Fig. 21: Temperature histogram for the current meter record shown in Fig. 20.



Members of NORTHWIND's science party try out their regulation sunglasses during a climb of Observation Hill.

STD/CTD Plots, Water Bottle Data and Standard Level Listings for stations taken through the sea ice or ice shelf (M1-M4, J1-J25) and from NORTHWIND (2-89), BURTON ISLAND (90-169) and GLACIER (170-222) follow the listing code explanations. In most cases, temperature and salinity data are shown for both descent (solid line) and ascent (dotted line) of the STD/CTD. CTD dissolved oxygen profiles on GL 79 stations (dashed line) were mostly taken during sensor descent. The basic STD/CTD files have been interpolated to 1 m intervals, but for economy and clarity the observations have been plotted here at 2 m intervals above the 750 m scale change and at 9 m intervals below 750 m. Tabulated data appear in several blocks, usually in the following sequence: station header, water bottles, interpolated and computed STD/CTD variables at standard levels for the instrument descent, followed by ascent data in the same order until the page has been filled. Units and references for the listing codes are identified below:

Station Headers

LATITUDE, LONGITUDE: Station coordinates, in degrees and minutes, derived from satellite navigation data. Although frequent satellite positions are available in polar regions, some caveats are in order here. On more than one cruise, navigational difficulties were experienced due to malfunctioning equipment or other problems. In addition, strong winds and currents and/or frequent course changes while manouvering near ice can lead to unreliable estimates of ship drift, particularly on short, shallow stations that do not span two good 'fixes'. Corrections have been made where deemed necessary, but the resulting positions are less accurate than implied by the SATNAV method.

MAR: Marsden square

DPTH: Station depth in meters, usually corrected STD or CTD depth plus height of instrument package above bottom, as determined by attached pinger; otherwise corrected sonic depth.

BAROM, WND, KT, AIRTM: Sea surface pressure (mb), wind direction and speed (kts), air temperature ($^{\circ}\text{C}$) at GMT, from icebreaker weather logs.

P: 0 = station occupied in open water; 1 = station in sea ice, usually >50% cover; 2 = station near sea ice; 3 = station through hole in pack ice; 4 = station through hole in glacial ice.

GLAC: If <100 = # of icebergs in sight; if >100 = range in meters to nearest shelf ice, iceberg, ice tongue, etc.

SD: Secchi disk depth in meters (NORTHWIND only), measured by D. Ainley et al. as part of another program (see Ainley and Jacobs, 1981).

GMT, DAMONYR: Time and date STD/CTD was at sea surface on descent or ascent.

SH, CR: Ship or platform and cruise designator. E.g., NW 77 = NORTHWIND on Deep Freeze 77.

M, STN: Mode (1 = descent, 2 = ascent of sensor package) and station number.

Four stations were taken through ice in the McMurdo region in 1976, when attempts to drill through the ice shelf at J-9 were unsuccessful. These station numbers appear with the prefix M and some of the data are of marginal quality (Foster and Bruchhausen, 1977). A prefix J has been applied to stations taken through the Ross Ice Shelf at J-9. Missing numbers (J3, 1, 4, 53) belong to test stations or others that could not be retrieved and edited. NORTHWIND station 76 was a time-series station and is not reported here.

Bottle and STD/CTD Data

DPTH: Thermometric, wire-out or corrected STD/CTD depths (m). 0 m, 1 m and near surface values sometimes arbitrary or extrapolated from deeper observations.

TEMP: Temperature ($^{\circ}\text{C}$) from protected reversing thermometers, STD, CTD, or (J-9 only) from Gilmour (1979) or Zotikov and Zagarnodnov (1979). All temperatures accompanying GL 79 bottle data are from the CTD (corrected).

POTEM: Potential temperature ($^{\circ}\text{C}$) after Bryden (1973).

T > TF: Temperature ($^{\circ}\text{C}$) above the *in situ* freezing point, computed from Fujino et al. (1974), correcting the last sign in their equation.

SALIN: Salinity ($^{\circ}/\text{‰}$ or ppt) from laboratory salinometer, STD or CTD.

SGM-, SGMA-: Density anomaly ($\text{gm}\ell^{-1}$), $10^3 (\rho_{s,t,p} - 1)$ where $\rho_{s,t,p}$ is the density of a water parcel moved isothermally to the sea surface (SGMA-T) or adiabatically to 500, 1000 or 2000 db (Knudsen, 1901; Reid and Lynn, 1971).

OXYG: Dissolved oxygen ($\text{m}\ell \ell^{-1}$). Average of two determinations on J14 and a few other stations.

SIL, PHOS: Reactive inorganic silicate-silicon, phosphate-phosphorus ($\mu\text{g-at} \ell^{-1}$).

O-18: Oxygen-18 isotope, $\delta^{18}\text{O}$ ($^{\circ}/\text{‰}$) relative to the SMOW standard (Craig and Gordon, 1965). Average of two determinations on NORTHWIND and a few other stations.

TRIT: Hydrogen-3 isotope (Tritium units).

FLAG codes on bottle data:

A = Average of two or more values

B = Bucket sample

1 = Salinity

2 = Oxygen

C = Substituted STD or CTD salinity
(except GL and J-9 as noted above)

D = Doubtful value

E = Rearranged bottles after probable
sample mixup

(e.g., **A15** would indicate that
salinity and nutrient data have
been averaged.)

3 = Silicate

4 = Phosphate

5 = Silicate & Phosphate

6 = Depth

7 = Temperature

8 = Temperature & Salinity

M: 0 = Nansen or other water sampler tripped by messenger or not at same time
as STD/CTD measurement; 1 (2) = rosette bottle data obtained during STD
or CTD descent (ascent), 3 = Water samples obtained via submersible pump
(stations J9 and J14)

ANOM: Thermosteric (specific volume) anomaly, after Ekman (1908).

GEOPT: Geopotential anomaly, (dyn. m) referenced to the sea surface.

SOUNDV: Sound velocity (m/sec) after Wilson (1960).

PRES: Pressure (db) from an SIO equation.



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	31.0S	166	25.0E	571				4			1142	26DEC76	M	77	0	M1

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
0	-1.70	-1.70	-1.57	1.909	1.33	3.89							0	M1
7				34.726									0	M1
39	-1.85	-1.85	0.08	34.707	27.96	30.37		69		-0.52			0	M1

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	50.0S	166	22.0E	571	493			3			445	28DEC76	M	77	0	M2

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
200	-1.69	-1.69	0.35	34.388	27.70	30.11				-0.35		D8	0	M2
300	-1.89	-1.90	0.24	34.717	27.97	30.38				-0.45			0	M2
400	-1.91	-1.92	0.30	34.765	28.01	30.42				-0.46			0	M2

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	50.0S	164	35.0E	571	165			3			337	29DEC76	M	77	0	M3

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
4	-1.76	-1.76	0.14	34.653	27.92	30.32		70		-0.49			0	M3
20	-1.90	-1.90	0.02	34.662	27.93	30.34		70		-0.49			0	M3
30	-1.90	-1.90	0.02	34.665	27.93	30.34				-0.49			0	M3
50				34.676				69		-0.50			0	M3
75	-1.90	-1.90	0.06	34.638	27.91	30.32						D1	0	M3
100	-1.92	-1.92	0.06	34.679	27.94	30.35		69		-0.56			0	M3
125	-1.82	-1.82	0.18	34.681	27.94	30.35		70		-0.51			0	M3
150	-1.92	-1.92	0.10	34.681	27.94	30.35		69		-0.51			0	M3
164	-1.94	-1.94	0.09	34.684	27.95	30.36		70		-0.50			0	M3

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	50.0S	165	3.0E	571	222			3			333	30DEC76	M	77	0	M4

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
5	-1.34	-1.34	0.57	34.712	27.95	30.35		66		-0.52		D1	0	M4
25	-1.84	-1.84	0.07	34.567	27.85	30.26							0	M4
50	-1.96	-1.96	-0.02	34.687	27.95	30.36		70		-0.44			0	M4
75	-1.95	-1.95	0.01	34.691	27.95	30.36							0	M4
100	-1.81	-1.81	0.17	34.690	27.95	30.35		68		-0.50		D7	0	M4
125	-1.92	-1.92	0.08	34.682	27.94	30.35							0	M4
150	-1.95	-1.95	0.07	34.690	27.95	30.36		71		-0.52			0	M4
175	-1.82	-1.82	0.21	34.690	27.95	30.36		69		-0.46		D7	0	M4
200	-1.94	-1.94	0.11	34.686	27.95	30.36		70		-0.48			0	M4
220	-1.93	-1.93	0.14	34.690	27.95	30.36		69					0	M4

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82	21.1S	168	40.5W	604	596			4			1048	15DEC77	J9	78	0	J1

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
591	-1.86	-1.88	0.50	34.828	28.06	30.47		78	2.38	-0.48			0	J1

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82	21.1S	168	40.5W	604	596			4			0	16DEC77	J9	78	0	J2

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
457	-2.15	-2.16	0.09	34.469	27.78	30.19		80	2.38	-0.72			0	J2

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82	21.1S	168	40.5W	604	596			4			1250	23DEC77	J9	78	0	J4

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
407	-2.07	-2.08	0.12	34.395	27.71	30.13		72				C1	0	J4
428	-2.07	-2.08	0.14	34.422	27.74	30.15		76		-0.77		A1	0	J4
448	-2.08	-2.09	0.15	34.456	27.76	30.18		74	2.00	-0.70		A1	0	J4

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82	21.1S	168	40.5W	604	596			4			1615	23DEC77	J9	78	0	J5

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
498	-1.96	-1.97	0.32	34.615	27.89	30.30		77	2.38			C1	0	J5
518	-1.93	-1.94	0.37	34.732	27.98	30.39		79	2.15	-0.59		A1	0	J5
538	-1.88	-1.89	0.43	34.742	27.99	30.40						C1	0	J5

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82	21.1S	168	40.5W	604	596			4			1705	24DEC77	J9	78	0	J6

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
438	-2.10	-2.11	0.12	34.430	27.74	30.16		73	2.00			C8	0	J6
488	-2.10	-2.11	0.16	34.565	27.85	30.27		72	2.38			C1	0	J6
538	-1.90	-1.91	0.41	34.745	27.99	30.40						C1	0	J6

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82	21.1S	168	40.5W	604	596			4			1455	26DEC77	J9	78	0	J7

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
380	-2.09	-2.10	0.08	34.282	27.62	30.04		72	1.85				0	J7
400	-2.09	-2.10	0.09	34.334	27.66	30.08		72	2.54			D4	0	J7

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 21.1S	168 40.5W	604	596					4			2235	26DEC77	J9	78	0	J8
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
483	-2.08	-2.09	0.18	34.560	27.85	30.26						C1	0	J8		
558	-1.90	-1.91	0.43	34.785	28.03	30.44		82	1.54			C1	0	J8		
82 21.1S	168 40.5W	604	596					4			1700	28DEC77	J9	78	3	J9
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
384	-2.14	-2.15	0.04	34.385	27.71	30.12		72	1.92		0.34	C7	3	J9		
432	-2.11	-2.12	0.10	34.403	27.72	30.13		73	2.46		0.48	C7	3	J9		
481	-2.04	-2.05	0.22	34.504	27.80	30.21		79			0.30	C7	3	J9		
529	-1.88	-1.89	0.42	34.696	27.95	30.36		82	2.38		0.19	C7	3	J9		
577	-1.86	-1.88	0.49	34.823	28.06	30.46		78	2.00			C7	3	J9		
82 21.1S	168 40.5W	604	596					4			1400	1JAN78	J9	78	0	J10
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
394	-2.13	-2.14	0.05	34.390	27.71	30.13						C1	0	J10		
419	-2.08	-2.09	0.12	34.395	27.71	30.13						C1	0	J10		
82 21.1S	168 40.5W	604	596					4			115	2JAN78	J9	78	0	J11
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
364	-2.16	-2.17	0.00	34.385	27.71	30.12						C1	0	J11		
383	-2.11	-2.12	0.06	34.385	27.71	30.12						C1	0	J11		
82 21.1S	168 40.5W	604	596					4			920	2JAN78	J9	78	0	J12
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
492	-2.03	-2.04	0.24	34.580	27.86	30.27						C1	0	J12		
582	-1.89	-1.91	0.46	34.794	28.03	30.44						A1	0	J12		
82 21.1S	168 40.5W	604	596					4			1450	2JAN78	J9	78	0	J13
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
363	-2.16	-2.17	0.00	34.396	27.72	30.13						A1	0	J13		
427	-2.12	-2.13	0.09	34.400	27.72	30.13						C1	0	J13		
82 20.9S	168 41.6W	604	590					4			1800	19DEC78	J9	79	3	J14
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
354	-2.14	-2.15	0.01	34.399	27.72	30.13	6.43	72	2.51	-0.67		C7D4	3	J14		
355	-2.14	-2.15	0.01	34.394	27.71	30.13	6.93	72	1.65	-0.67		D2C7	3	J14		
358	-2.14	-2.15	0.02	34.395	27.72	30.13	6.53			-0.80		C7	3	J14		
368	-2.14	-2.15	0.02	34.396	27.72	30.13	6.51			-0.65		C7	3	J14		
378	-2.14	-2.15	0.03	34.399	27.72	30.13	6.50					C7	3	J14		
388	-2.14	-2.15	0.04	34.401	27.72	30.13	6.48	72	1.86	-0.76		C7	3	J14		
403	-2.14	-2.15	0.05	34.406	27.72	30.14	6.46	80	2.40	-0.81		C7	3	J14		
428	-2.12	-2.13	0.09	34.419	27.73	30.15	6.44					C7	3	J14		
438	-2.12	-2.13	0.10	34.428	27.74	30.16	6.42			-0.63		C7	3	J14		
448	-2.11	-2.12	0.12	34.492	27.79	30.21	6.37					C7	3	J14		
453	-2.11	-2.12	0.13	34.533	27.83	30.24	6.35			-0.76		C7	3	J14		
463	-2.09	-2.10	0.16	34.591	27.87	30.29	6.27			-0.61		C7	3	J14		
478	-2.00	-2.01	0.26	34.686	27.95	30.36	6.34			-0.62		C7	3	J14		
508	-1.88	-1.89	0.41	34.781	28.02	30.43	6.36					C7	3	J14		
528	-1.84	-1.85	0.47	34.814	28.05	30.46	6.38			-0.52		C7	3	J14		
538	-1.84	-1.85	0.48	34.821	28.05	30.46	6.38					C7	3	J14		
553	-1.84	-1.85	0.49	34.830	28.06	30.47	6.40			-0.50		C7	3	J14		
563	-1.84	-1.85	0.50	34.840	28.07	30.48	6.40			-0.52		C7	3	J14		
578	-1.84	-1.86	0.51	34.812	28.05	30.45	6.38	80		-0.34		C7	3	J14		
583	-1.84	-1.86	0.51	34.825	28.06	30.47	6.38			-0.40		C7	3	J14		
589	-1.84	-1.86	0.52	34.837	28.07	30.48	6.43	81	1.50	-0.64		C7	3	J14		
82 20.9S	168 41.6W	604	590					4			143	21DEC78	J9	79	0	J15
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
585	-1.87	-1.89	0.48	34.789	28.03	30.44	6.48						0	J15		
586	-1.84	-1.86	0.51	34.794	28.03	30.44						C1	0	J15		
587	-1.84	-1.86	0.51	34.799	28.04	30.44		80	2.17	-0.56		C7	0	J15		
82 20.9S	168 41.6W	604	590					4			2150	21DEC78	J9	79	0	J16
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN		
587	-1.84	-1.86	0.51	34.772	28.01	30.42	6.41						0	J16		
588	-1.84	-1.86	0.51	34.800	28.04	30.45						C1	0	J16		
589	-1.84	-1.86	0.52	34.819	28.05	30.46	6.53					D2C7	0	J16		

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			2307	21DEC78	J9	79	0	J17

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			2147	22DEC78	J9	79	0	J18

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			2245	22DEC78	J9	79	0	J19

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			2314	23DEC78	J9	79	0	J20

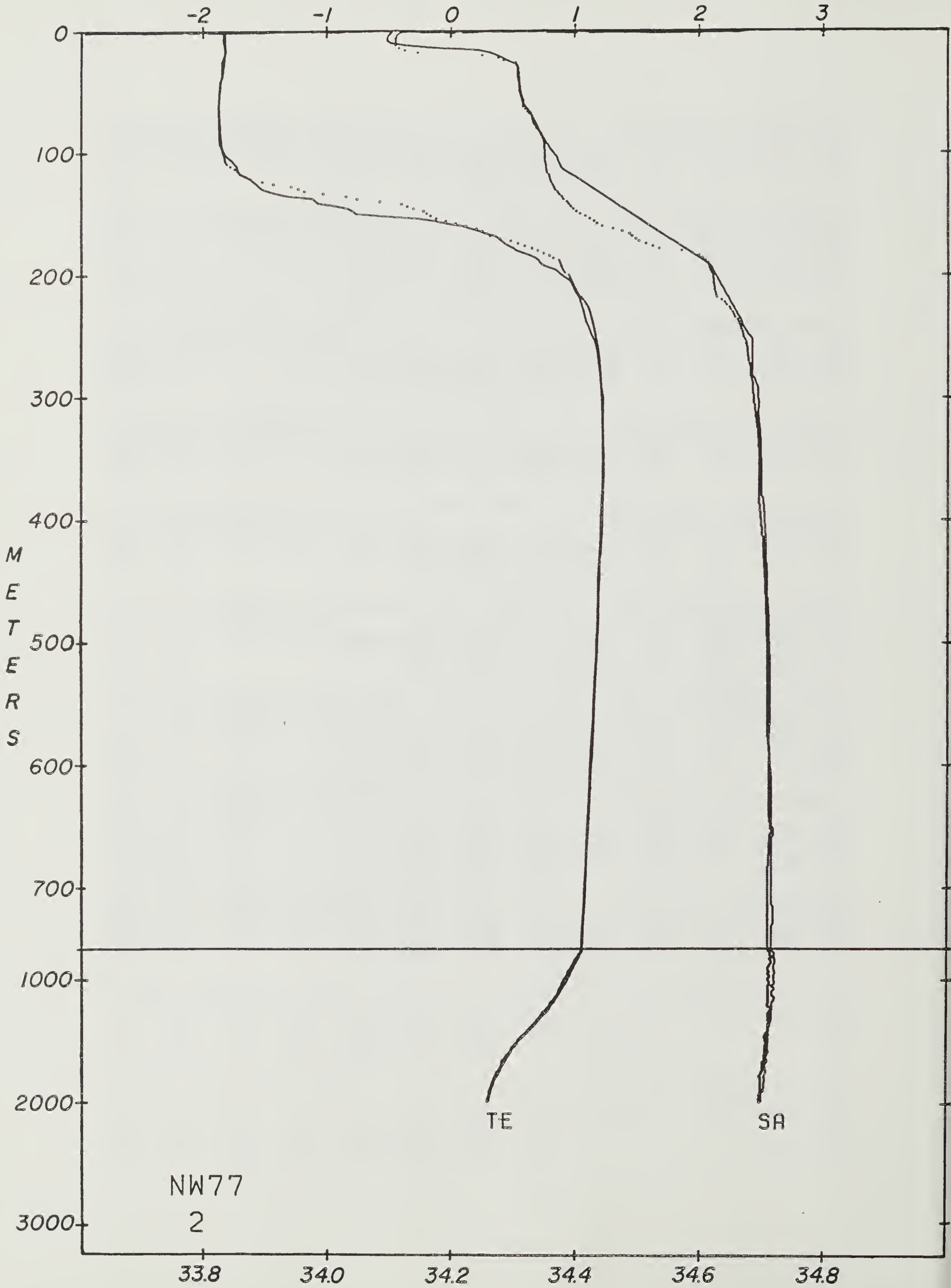
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			9	24DEC78	J9	79	0	J21

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			2205	26DEC78	J9	79	0	J22

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590				4			2302	26DEC78	J9	79	0	J23

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590					4			1734	27DEC78	J9	79	0	J24

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
82 20.9S	168 41.6W	604	590				4			1836	27DEC78	J9	79	0	J25



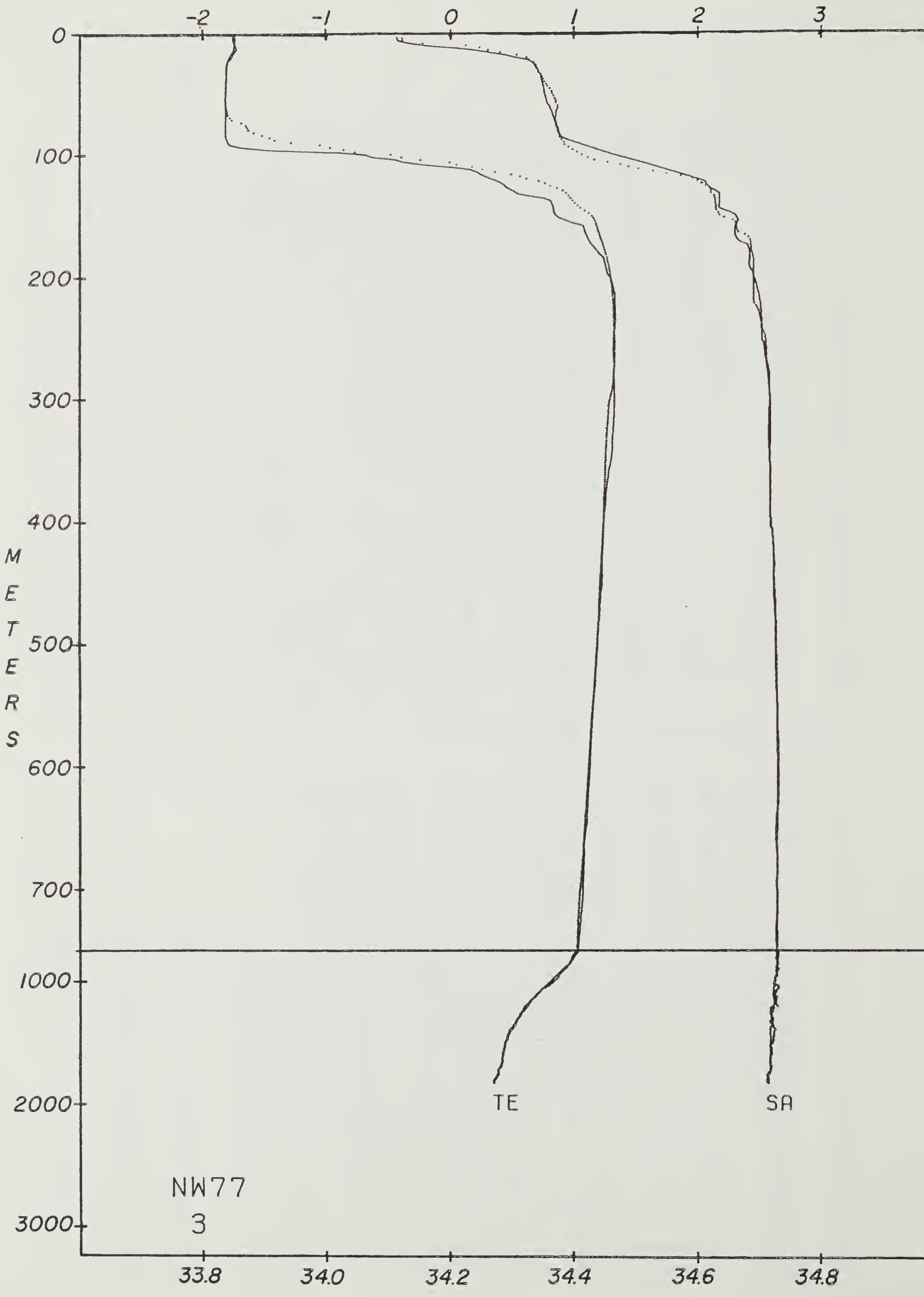
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
72 31.2S 179 29.8E 570 1993 1005.0 200 12 0.6 1 0 0 101 19DEC76 NW 77 1 2

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.829	-1.829	039	34.100	27.469	29.880	32.260	36.933	62.21	0.000	1439.5	0
10	-1.823	-1.823	054	34.136	27.498	29.908	32.288	36.961	59.44	0.006	1439.8	10
20	-1.819	-1.820	074	34.283	27.617	30.027	32.406	37.078	48.05	0.011	1440.2	20
30	-1.831	-1.832	072	34.308	27.638	30.047	32.427	37.098	46.04	0.016	1440.3	30
40	-1.855	-1.856	055	34.310	27.640	30.050	32.430	37.102	45.75	0.021	1440.4	40
50	-1.864	-1.865	054	34.314	27.643	30.053	32.433	37.106	45.42	0.025	1440.5	50
60	-1.870	-1.871	057	34.321	27.650	30.060	32.440	37.112	44.74	0.030	1440.6	60
70	-1.869	-1.870	066	34.332	27.658	30.068	32.448	37.121	43.87	0.034	1440.8	71
80	-1.865	-1.867	078	34.343	27.667	30.077	32.457	37.129	42.95	0.039	1441.0	81
90	-1.862	-1.864	089	34.355	27.677	30.087	32.466	37.138	41.97	0.043	1441.2	91
100	-1.816	-1.819	143	34.369	27.687	30.096	32.475	37.145	40.97	0.047	1441.6	101
125	-1.553	-1.556	429	34.422	27.723	30.128	32.503	37.165	37.49	0.057	1443.3	126
150	-	-	455	34.498	27.748	30.138	32.496	37.128	35.43	0.066	1448.6	151
175	.491	.484	519	34.574	27.756	30.129	32.473	37.073	35.14	0.075	1453.8	176
200	.926	.916	976	34.631	27.775	30.142	32.478	37.066	33.64	0.083	1456.3	202
225	1.069	1.058	139	34.659	27.788	30.153	32.488	37.071	32.51	0.092	1457.4	227
250	1.156	1.144	247	34.687	27.805	30.168	32.502	37.082	31.05	0.100	1458.2	252
275	1.206	1.193	317	34.688	27.802	30.165	32.497	37.077	31.42	0.107	1458.9	277
300	1.225	1.210	355	34.699	27.809	30.172	32.504	37.083	30.85	0.115	1459.4	302
325	1.233	1.217	382	34.701	27.811	30.173	32.506	37.084	30.77	0.123	1459.8	328
350	1.241	1.224	409	34.703	27.812	30.174	32.506	37.084	30.75	0.131	1460.3	353
375	1.234	1.215	421	34.703	27.812	30.175	32.507	37.086	30.77	0.138	1460.7	378
400	1.227	1.207	434	34.709	27.817	30.180	32.512	37.091	30.39	0.146	1461.0	403
425	1.214	1.192	439	34.710	27.819	30.183	32.515	37.094	30.23	0.153	1461.4	429
450	1.202	1.179	447	34.712	27.822	30.185	32.518	37.097	30.06	0.161	1461.8	454
475	1.195	1.171	459	34.715	27.824	30.188	32.520	37.100	29.90	0.168	1462.2	479
500	1.180	1.155	463	34.716	27.826	30.190	32.523	37.104	29.72	0.176	1462.5	504
550	1.157	1.129	477	34.717	27.829	30.194	32.526	37.107	29.59	0.191	1463.2	555
600	1.128	1.098	487	34.717	27.831	30.196	32.530	37.111	29.49	0.206	1463.9	605
650	1.105	1.072	502	34.721	27.835	30.201	32.535	37.117	29.14	0.220	1464.7	656
700	1.089	1.053	524	34.719	27.835	30.201	32.536	37.119	29.28	0.235	1465.4	706
750	1.064	1.025	537	34.720	27.837	30.204	32.538	37.122	29.15	0.249	1466.2	757
800	1.040	.999	551	34.724	27.842	30.209	32.544	37.129	28.78	0.264	1466.9	808
850	1.014	.970	563	34.725	27.845	30.213	32.548	37.133	28.55	0.278	1467.6	858
900	.988	.941	575	34.723	27.845	30.213	32.549	37.135	28.59	0.292	1468.3	909
950	.965	.915	590	34.723	27.846	30.216	32.552	37.139	28.49	0.307	1469.1	959
1000	.942	.889	605	34.724	27.849	30.218	32.555	37.143	28.32	0.321	1469.8	1010
1100	.880	.822	619	34.720	27.850	30.221	32.558	37.148	28.26	0.349	1471.2	1111
1200	.813	.748	627	34.719	27.853	30.225	32.564	37.156	27.90	0.377	1472.6	1212
1300	.731	.661	622	34.719	27.858	30.232	32.572	37.166	27.31	0.405	1473.9	1314
1400	.640	.565	606	34.714	27.860	30.235	32.577	37.174	26.96	0.432	1475.2	1415
1500	.543	.462	585	34.714	27.866	30.243	32.586	37.186	26.15	0.459	1476.4	1517
1600	.478	.390	595	34.712	27.868	30.246	32.590	37.192	25.76	0.485	1477.8	1618
1700	.417	.324	610	34.708	27.868	30.248	32.593	37.197	25.52	0.510	1479.2	1720
1800	.365	.265	634	34.708	27.871	30.252	32.598	37.204	25.06	0.536	1480.7	1821
1900	.327	.221	672	34.706	27.872	30.254	32.600	37.207	24.90	0.560	1482.2	1923
1980	.306	.195	712	34.702	27.870	30.252	32.599	37.207	24.98	0.580	1483.5	2004

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
72 29.2S 178 18.6E 570 1993 1005.0 180 15 0.2 1 0 0 326 19DEC76 NW 77 2 2

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.82	-1.82	0.05	34.079	27.45	29.86	6.72	67	2.32			C7	2	2
102	-1.59	-1.59	0.37	34.359	27.67	30.08	6.42	67	2.14			D6	2	2
150	0.90	0.89	2.94	34.617	27.77	30.13	4.74	86	2.24			C8	2	2
274	1.26	1.25	3.37	34.705	27.81	30.17	4.65	90					2	2
643	1.15	1.12	3.54	34.723	27.83	30.20	4.65	100	2.40				2	2
809	1.02	0.98	3.54	34.719	27.84	30.21	4.69	111	2.35			C7	2	2
1075	0.87	0.81	3.59	34.716	27.85	30.22	4.77	115	2.35				2	2
1342	0.68	0.61	3.60	34.709	27.85	30.23	4.95	116	2.52			C7D4	2	2
1584	0.43	0.34	3.53	34.705	27.86	30.24	5.04	118	2.27				2	2
1984	0.29	0.18	3.70	34.702	27.87	30.25	5.24	116	2.34			A	2	2

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.817	-1.817	052	34.114	27.480	29.890	32.271	36.943	61.17	0.000	1439.6	0
10	-1.817	-1.817	059	34.111	27.478	29.888	32.268	36.941	61.32	0.006	1439.8	10
20	-1.828	-1.828	065	34.275	27.611	30.021	32.400	37.072	48.64	0.012	1440.1	20
30	-1.842	-1.843	061	34.309	27.639	30.049	32.429	37.100	45.92	0.016	1440.3	30
40	-1.852	-1.852	059	34.311	27.641	30.051	32.431	37.103	45.69	0.021	1440.4	40
50	-1.862	-1.863	056	34.314	27.644	30.054	32.434	37.106	45.36	0.025	1440.5	50
60	-1.870	-1.871	056	34.318	27.647	30.057	32.437	37.110	44.99	0.030	1440.6	60
70	-1.864	-1.866	070	34.334	27.660	30.070	32.450	37.122	43.70	0.034	1440.8	71
80	-1.858	-1.859	085	34.344	27.667	30.077	32.457	37.129	42.94	0.039	1441.1	81
90	-1.847	-1.849	103	34.351	27.673	30.083	32.462	37.134	42.35	0.043	1441.3	91
100	-1.829	-1.831	130	34.352	27.674	30.083	32.462	37.133	42.23	0.047	1441.5	101
125	-1.355	-1.358	623	34.366	27.672	30.074	32.446	37.102	42.42	0.058	1444.2	126
150	-	-	844	34.418	27.666	30.049	32.402	37.023	43.42	0.069	1450.3	151
175	.635	.628	561	34.534	27.715	30.087	32.428	37.024	39.09	0.079	1454.4	176
200	.971	.962	021	34.625	27.767	30.133	32.469	37.055	34.43	0.089	1456.5	202
225	1.120	1.109	191	34.652	27.779	30.143	32.477	37.059	33.39	0.097	1457.6	227
250	1.180	1.168	271	34.676	27.794	30.157	32.490	37.070	32.09	0.105	1458.3	252
275	1.213	1.200	323	34.685	27.799	30.162	32.494	37.074	31.70	0.113	1458.9	277
300	1.237	1.222	367	34.690	27.802	30.164	32.496	37.075	31.56	0.121	1459.4	302
325	1.234	1.218	363	34.697	27.808	30.170	32.502	37.081	31.08	0.128	1459.8	328
350	1.234	1.217	402	34.699	27.809	30.172	32.504	37.082	31.01	0.136	1460.2	353
375	1.233	1.214	420	34.699	27.809	30.172	32.504	37.083	31.06	0.144	1460.6	378
400	1.220	1.200	426	34.703	27.813	30.176	32.509	37.087	30.73	0.152	1461.0	403
425	1.210	1.189	436	34.707	27.817	30.181	32.513	37.092	30.43	0.159	1461.4	429
450	1.198	1.175	443	34.710	27.820	30.184	32.516	37.096	30.18	0.167	1461.7	454
475	1.195	1.171	459	34.712	27.822	30.185	32.518	37.098	30.12	0.174	1462.2	479
500	1.190	1.164	472	34.713	27.823	30.187	32.520	37.100	30.02	0.182	1462.5	504



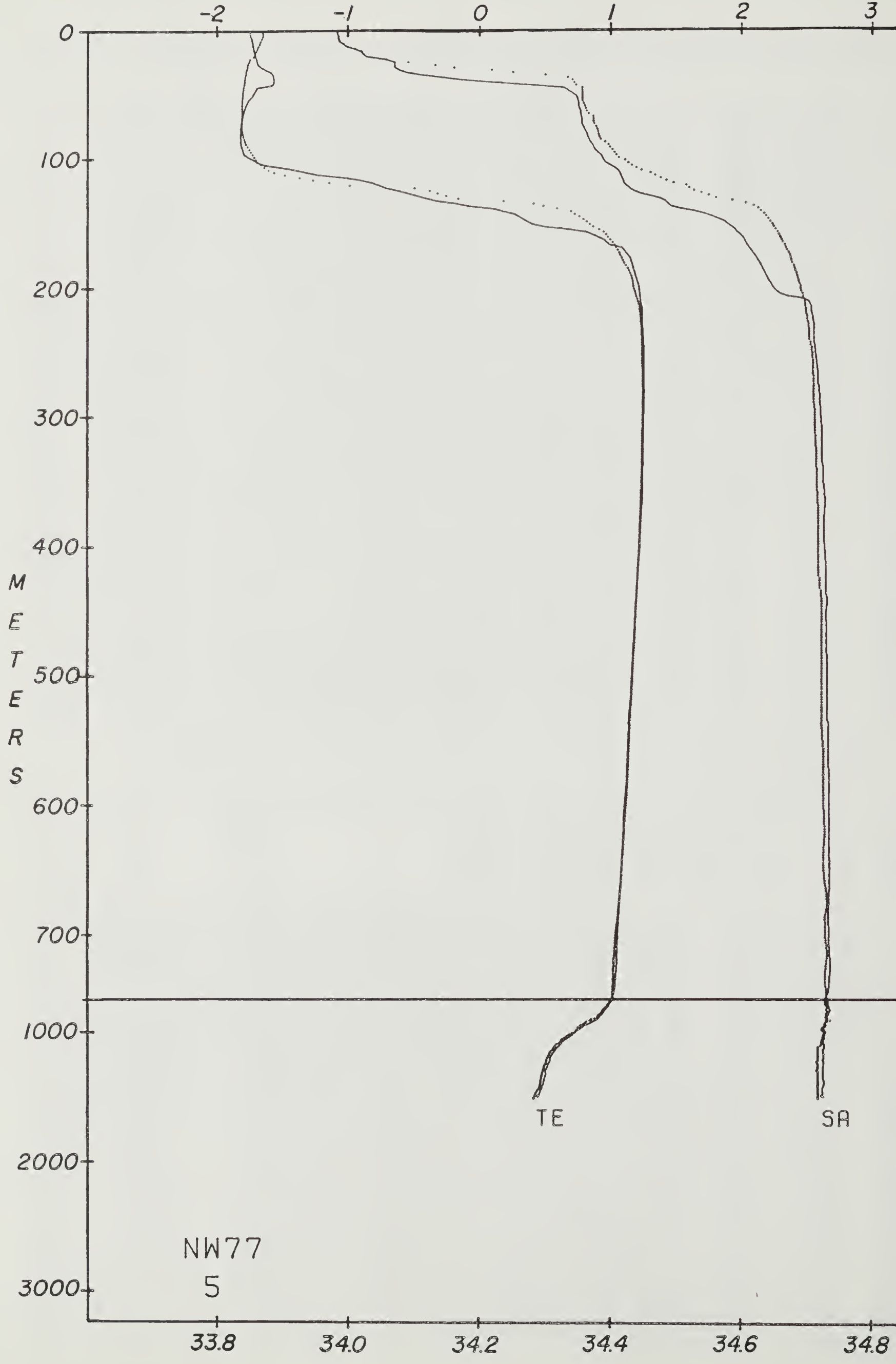
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
72 39.05 178 31.0E 570 1823 1004.8 170 9 0.6 1 0 0 501 19DEC76 NW 77 1 3

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.762	-1.762	.106	34.111	27.476	29.886	32.265	36.936	61.54	0.000	1439.9	0
10	-1.736	-1.736	.146	34.208	27.554	29.963	32.341	37.011	54.07	.006	1440.3	10
20	-1.784	-1.785	.112	34.325	27.651	30.059	32.438	37.108	44.91	.011	1440.4	20
30	-1.814	-1.815	.091	34.344	27.666	30.075	32.454	37.125	43.37	.015	1440.4	30
40	-1.819	-1.820	.093	34.350	27.672	30.081	32.460	37.131	42.77	.019	1440.6	40
50	-1.822	-1.823	.098	34.354	27.675	30.084	32.463	37.134	42.44	.024	1440.7	50
60	-1.822	-1.823	.106	34.362	27.681	30.091	32.470	37.140	41.74	.028	1440.9	60
70	-1.822	-1.823	.114	34.369	27.687	30.097	32.475	37.146	41.11	.032	1441.1	71
80	-1.822	-1.824	.122	34.375	27.692	30.102	32.480	37.151	40.59	.036	1441.3	81
90	-1.766	-1.768	.188	34.418	27.726	30.133	32.511	37.180	37.40	.040	1441.8	91
100	-.610	-.613	1.356	34.483	27.738	30.128	32.488	37.121	36.50	.044	1447.4	101
125	.469	.464	2.462	34.620	27.794	30.167	32.511	37.111	31.53	.052	1453.0	126
150	.886	.880	2.901	34.664	27.804	30.171	32.508	37.096	30.80	.060	1453.3	151
175	1.175	1.167	3.209	34.683	27.800	30.163	32.496	37.076	31.34	.068	1457.1	176
200	1.299	1.290	3.353	34.692	27.799	30.160	32.491	37.068	31.57	.076	1458.0	202
225	1.334	1.323	3.407	34.703	27.805	30.166	32.496	37.072	31.12	.084	1458.6	227
250	1.318	1.306	3.410	34.705	27.808	30.169	32.500	37.076	30.90	.091	1459.0	252
275	1.321	1.307	3.432	34.713	27.814	30.175	32.506	37.082	30.38	.099	1459.4	277
300	1.325	1.310	3.456	34.717	27.817	30.178	32.509	37.085	30.19	.106	1459.8	302
325	1.314	1.297	3.464	34.718	27.819	30.180	32.511	37.087	30.11	.114	1460.2	328
350	1.294	1.276	3.463	34.717	27.819	30.181	32.512	37.089	30.11	.122	1460.5	353
375	1.257	1.238	3.445	34.718	27.823	30.185	32.517	37.095	29.83	.129	1460.8	378
400	1.237	1.217	3.444	34.718	27.824	30.187	32.519	37.097	29.75	.136	1461.1	403
425	1.227	1.206	3.453	34.723	27.829	30.192	32.524	37.103	29.35	.144	1461.5	429
450	1.224	1.202	3.470	34.723	27.829	30.192	32.524	37.103	29.42	.151	1461.9	454
475	1.204	1.180	3.468	34.726	27.833	30.196	32.529	37.108	29.10	.159	1462.2	479
500	1.188	1.162	3.471	34.726	27.834	30.197	32.530	37.110	29.05	.166	1462.6	504
550	1.152	1.124	3.473	34.729	27.839	30.203	32.537	37.117	28.67	.180	1463.2	555
600	1.126	1.096	3.486	34.730	27.841	30.206	32.540	37.122	28.53	.195	1463.9	605
650	1.093	1.060	3.490	34.730	27.843	30.209	32.543	37.126	28.39	.209	1464.6	656
700	1.069	1.033	3.504	34.729	27.844	30.210	32.545	37.128	28.38	.223	1465.4	706
750	1.031	.992	3.504	34.728	27.846	30.213	32.548	37.133	28.26	.237	1466.0	757
800	.995	.953	3.506	34.726	27.847	30.215	32.551	37.136	28.22	.251	1466.7	808
850	.957	.913	3.506	34.729	27.852	30.220	32.557	37.143	27.78	.265	1467.4	858
900	.899	.853	3.486	34.727	27.854	30.223	32.561	37.149	27.55	.279	1467.9	909
950	.847	.798	3.472	34.726	27.856	30.227	32.565	37.155	27.27	.293	1468.5	959
1000	.800	.748	3.463	34.724	27.857	30.229	32.568	37.159	27.13	.306	1469.2	1010
1100	.693	.636	3.431	34.722	27.863	30.236	32.577	37.171	26.48	.333	1470.3	1111
1200	.622	.560	3.437	34.718	27.864	30.239	32.580	37.177	26.28	.360	1471.7	1212
1300	.539	.471	3.430	34.721	27.871	30.247	32.591	37.190	25.43	.385	1473.0	1314
1400	.474	.400	3.440	34.718	27.873	30.250	32.594	37.196	25.14	.411	1474.4	1415
1500	.438	.358	3.480	34.718	27.875	30.253	32.598	37.201	24.88	.436	1475.9	1517
1600	.418	.332	3.536	34.718	27.876	30.255	32.600	37.204	24.76	.461	1477.5	1618
1700	.394	.301	3.588	34.718	27.877	30.258	32.603	37.207	24.58	.485	1479.1	1720
1800	.351	.251	3.620	34.712	27.875	30.256	32.602	37.208	24.64	.510	1480.6	1821
1817	.350	.250	3.632	34.714	27.877	30.258	32.604	37.210	24.50	.514	1480.9	1838

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
72 37.25 178 22.0E 570 1823 1004.7 190 8 1.1 1 0 0 713 19DEC76 NW 77 2 3

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.75	-1.75	0.11	34.031	27.41	29.82				-0.22		A1	2	3
78	-1.82	-1.82	0.12	34.369	27.69	30.10				-0.28		D6A1	2	3
272	1.32	1.31	3.43	34.712	27.81	30.17							2	3
958	0.87	0.82	3.50	34.727	27.86	30.23				-0.12		A1	2	3
1731	0.39	0.30	3.61	34.717	27.88	30.26						A1	2	3
1820	0.36	0.26	3.64	34.718	27.88	30.26				-0.14		A1	2	3

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.748	-1.748	.121	34.121	27.484	29.893	32.272	36.942	60.81	0.000	1439.9	0
10	-1.752	-1.753	.132	34.248	27.587	29.996	32.374	37.044	50.97	.006	1440.3	10
20	-1.801	-1.801	.096	34.329	27.654	30.063	32.442	37.112	44.61	.010	1440.3	20
30	-1.817	-1.818	.088	34.344	27.667	30.076	32.455	37.126	43.33	.015	1440.4	30
40	-1.819	-1.820	.094	34.355	27.676	30.085	32.464	37.135	42.39	.019	1440.6	40
50	-1.823	-1.824	.098	34.367	27.686	30.095	32.474	37.144	41.41	.023	1440.8	50
60	-1.917	-1.819	.112	34.373	27.690	30.099	32.479	37.149	40.89	.027	1441.0	60
70	-1.756	-1.758	.180	34.370	27.686	30.094	32.472	37.141	41.26	.031	1441.4	71
80	-1.586	-1.587	.359	34.376	27.686	30.092	32.467	37.130	41.21	.036	1442.4	81
90	-1.080	-1.082	.873	34.386	27.679	30.077	32.444	37.092	42.00	.040	1444.9	91
100	-.383	-.386	1.579	34.423	27.680	30.067	32.424	37.050	42.04	.044	1448.4	101
125	.940	.834	2.832	34.616	27.769	30.136	32.475	37.064	34.06	.053	1454.6	126
150	1.158	1.151	3.171	34.643	27.769	30.132	32.465	37.046	34.19	.062	1456.5	151
175	1.245	1.237	3.280	34.687	27.799	30.160	32.492	37.070	31.51	.070	1457.4	176
200	1.300	1.290	3.353	34.691	27.798	30.159	32.490	37.067	31.67	.078	1458.0	202
225	1.321	1.309	3.394	34.698	27.802	30.163	32.494	37.070	31.37	.086	1458.6	227
250	1.331	1.319	3.424	34.711	27.812	30.172	32.503	37.078	30.57	.094	1459.0	252
275	1.323	1.309	3.435	34.716	27.817	30.178	32.508	37.084	30.15	.101	1459.4	277
300	1.292	1.267	3.413	34.718	27.821	30.182	32.514	37.091	29.80	.109	1459.6	302
325	1.263	1.247	3.413	34.715	27.820	30.182	32.513	37.091	29.96	.116	1460.0	328
350	1.251	1.234	3.420	34.718	27.823	30.185	32.517	37.095	29.71	.124	1460.3	353
375	1.242	1.224	3.431	34.718	27.824	30.186	32.518	37.096	29.72	.131	1460.7	378
400	1.236	1.216	3.443	34.720	27.826	30.188	32.520	37.099	29.59	.139	1461.1	403
425	1.221	1.200	3.447	34.724	27.830	30.193	32.525	37.104	29.25	.146	1461.5	429
450	1.207	1.184	3.452	34.725	27.832	30.195	32.527	37.107	29.13	.153	1461.8	454
475	1.199	1.175	3.463	34.727	27.834	30.197	32.530	37.109	28.99	.161	1462.2	479
500	1.182	1.157	3.465	34.728	27.836	30.200	32.532	37.112	28.85	.168	1462.5	504
550	1.148	1.120	3.470	34.730	27.840	30.204	32.538	37.119	28.57	.182	1463.2	555
600	1.116	1.085	3.476	34.732	27.843	30.209	32.542	37.125	28.29	.196	1463.9	605
650	1.083	1.050	3.480	34.727	27.842	30.208	32.542	37.125	28.52	.211	1464.6	656
700	1.045	1.009	3.480	34.730	27.847	30.213	32.548	37.132	28.11	.225	1465.2	706
750	1.016	.978	3.490	34.730	27.849	30.216	32.551	37.136	27.99	.239	1466.0	757
800	.981	.940	3.492	34.730	27.851	30.219	32.555	37.141	27.81	.253	1466.6	808



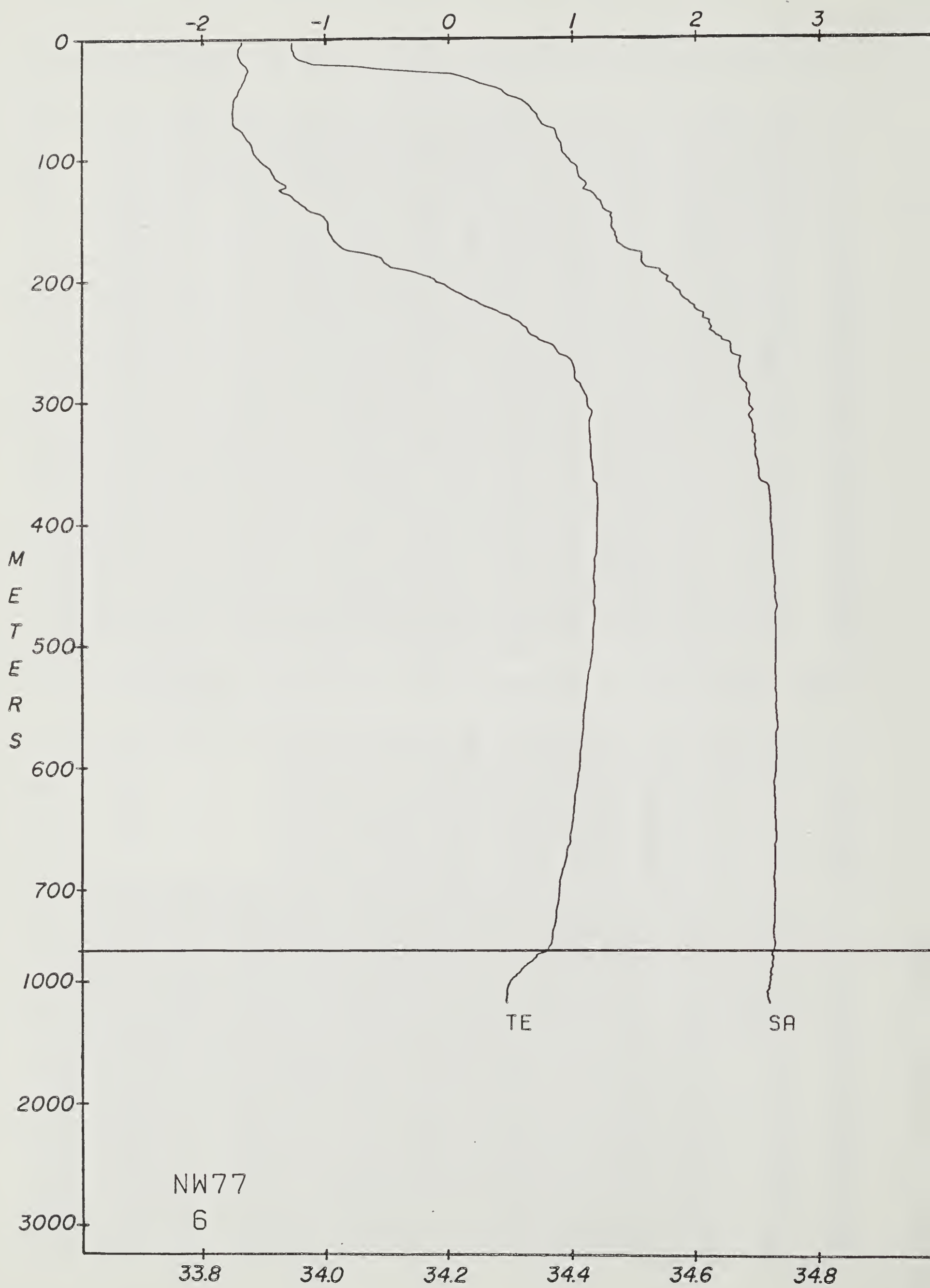
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
72 47.0S 178 1.8E 570 1522 1004.4 190 10 -2.2 1 0 0 940 19DEC76 NW 77 1 5

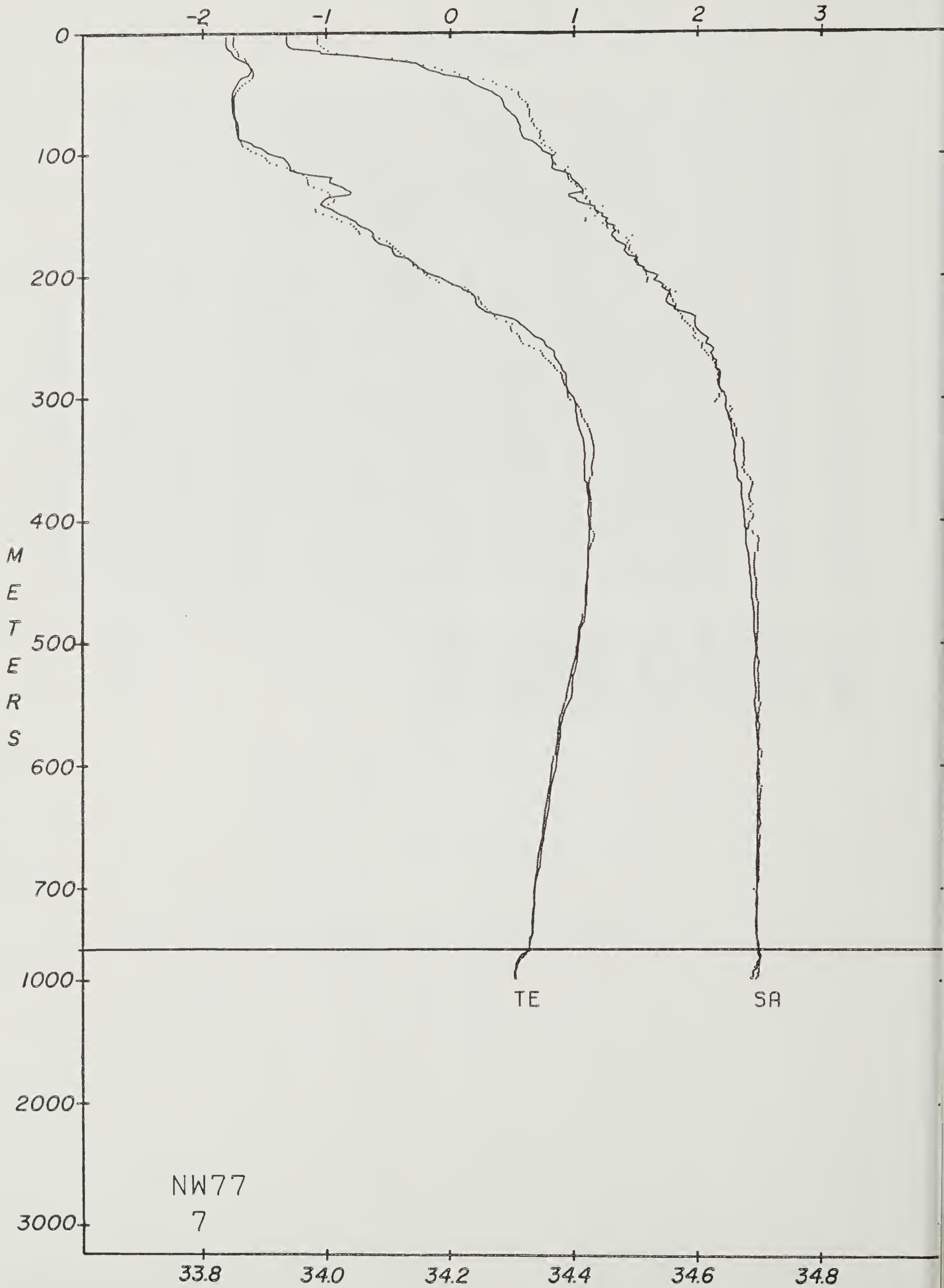
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.747	-1.747	.114	33.982	27.371	29.781	32.160	36.832	71.49	0.000	1439.7	0
10	-1.725	-1.726	.144	33.992	27.379	29.788	32.168	36.838	70.69	.007	1440.0	10
20	-1.702	-1.702	.177	34.033	27.412	29.820	32.199	36.869	67.54	.014	1440.4	20
30	-1.621	-1.622	.268	34.079	27.447	29.854	32.231	36.898	64.15	.021	1441.0	30
40	-1.568	-1.569	.338	34.231	27.569	29.974	32.350	37.014	52.58	.026	1441.6	40
50	-1.729	-1.730	.191	34.348	27.667	30.075	32.453	37.121	43.15	.031	1441.2	50
60	-1.787	-1.789	.140	34.353	27.674	30.082	32.461	37.131	42.49	.036	1441.1	60
70	-1.812	-1.813	.124	34.357	27.677	30.086	32.465	37.136	42.09	.040	1441.1	71
80	-1.820	-1.822	.123	34.365	27.684	30.093	32.472	37.143	41.41	.044	1441.3	81
90	-1.811	-1.813	.140	34.375	27.692	30.101	32.480	37.150	40.59	.048	1441.5	91
100	-1.722	-1.724	.239	34.390	27.702	30.109	32.487	37.154	39.60	.052	1442.1	101
125	-.580	-.584	1.402	34.442	27.704	30.093	32.453	37.086	39.69	.062	1447.9	126
150	.422	.416	2.431	34.580	27.764	30.138	32.483	37.085	34.32	.071	1453.1	151
175	1.144	1.136	3.175	34.623	27.754	30.118	32.451	37.032	35.68	.080	1456.8	176
200	1.220	1.211	3.272	34.651	27.772	30.134	32.466	37.045	34.12	.089	1457.6	202
225	1.243	1.233	3.317	34.711	27.818	30.180	32.511	37.089	29.86	.097	1458.2	227
250	1.255	1.243	3.348	34.714	27.820	30.182	32.513	37.091	29.74	.104	1458.7	252
275	1.256	1.242	3.368	34.719	27.824	30.185	32.517	37.095	29.44	.112	1459.1	277
300	1.253	1.239	3.385	34.723	27.827	30.189	32.521	37.098	29.21	.119	1459.5	302
325	1.248	1.232	3.399	34.724	27.828	30.190	32.522	37.100	29.17	.126	1459.9	328
350	1.245	1.228	3.415	34.726	27.830	30.192	32.524	37.102	29.06	.133	1460.3	353
375	1.232	1.213	3.421	34.727	27.832	30.194	32.526	37.105	28.94	.141	1460.7	378
400	1.222	1.202	3.430	34.728	27.833	30.196	32.528	37.107	28.89	.148	1461.1	403
425	1.204	1.182	3.430	34.730	27.836	30.199	32.532	37.111	28.67	.155	1461.4	429
450	1.188	1.165	3.434	34.730	27.837	30.201	32.534	37.113	28.58	.162	1461.7	454
475	1.174	1.151	3.439	34.731	27.839	30.203	32.535	37.116	28.50	.169	1462.1	479
500	1.160	1.135	3.444	34.732	27.840	30.205	32.538	37.118	28.38	.176	1462.4	504
550	1.135	1.107	3.456	34.734	27.844	30.209	32.542	37.123	28.16	.191	1463.2	555
600	1.106	1.075	3.466	34.735	27.847	30.212	32.546	37.128	27.99	.205	1463.9	605
650	1.081	1.048	3.479	34.736	27.849	30.215	32.549	37.132	27.84	.219	1464.6	656
700	1.053	1.017	3.489	34.735	27.850	30.217	32.552	37.135	27.80	.233	1465.3	706
750	1.020	.981	3.493	34.732	27.850	30.217	32.552	37.138	27.87	.246	1466.0	757
800	.982	.941	3.493	34.735	27.855	30.222	32.558	37.144	27.47	.260	1466.6	808
850	.943	.900	3.493	34.735	27.857	30.226	32.563	37.150	27.23	.274	1467.3	858
900	.899	.853	3.486	34.732	27.858	30.227	32.565	37.153	27.17	.288	1467.9	909
950	.798	.749	3.423	34.728	27.861	30.232	32.571	37.163	26.71	.301	1468.3	959
1000	.729	.678	3.392	34.728	27.865	30.238	32.578	37.171	26.20	.314	1468.8	1010
1100	.611	.555	3.350	34.728	27.873	30.247	32.588	37.186	25.33	.340	1470.0	1111
1200	.539	.478	3.354	34.727	27.876	30.252	32.594	37.194	24.88	.365	1471.3	1212
1300	.505	.438	3.396	34.726	27.877	30.254	32.597	37.198	24.75	.390	1472.9	1314
1400	.486	.412	3.453	34.728	27.880	30.257	32.601	37.202	24.51	.415	1474.5	1415
1500	.443	.363	3.485	34.726	27.881	30.260	32.604	37.207	24.31	.439	1476.0	1517
1501	.442	.362	3.485	34.727	27.882	30.260	32.605	37.207	24.25	.439	1476.0	1518

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
72 45.8S 177 54.7E 570 1522 1003.9 200 8 -1.9 1 0 0 1147 19DEC76 NW 77 2 5

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.65	-1.65	0.21	33.982	27.37	29.78	7.53	64	2.04			C7	2	5
21	-1.65	-1.65	0.23	34.069	27.44	29.85	7.43	65	2.05				2	5
76	-1.81	-1.81	0.13	34.379	27.69	30.10	6.54	64	2.14			C7	2	5
131	-0.22	-0.22	1.77	34.554	27.78	30.16	5.43	77	2.29			C7	2	5
294	1.24	1.23	3.37	34.713	27.82	30.18	4.46	93	2.34			C8	2	5
540	1.14	1.11	3.45	34.740	27.85	30.21	4.52	104	2.35			C7	2	5
687	1.05	1.01	3.48	34.742	27.86	30.22	4.53	111	2.34			C7	2	5
786	0.98	0.94	3.48	34.736	27.86	30.22	4.75	114	2.35			C7	2	5
983	0.74	0.69	3.39	34.725	27.86	30.23	4.87	115	2.34			C7	2	5
1232	0.52	0.46	3.36	34.721	27.87	30.25	5.06	112	2.34				2	5
1515	0.43	0.35	3.48	34.719	27.88	30.25	5.08	110	2.35			A	2	5

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.651	-1.651	.210	33.982	27.369	29.777	32.155	36.824	71.72	0.000	1440.2	0
10	-1.679	-1.679	.191	33.992	27.378	29.786	32.165	36.834	70.81	.007	1440.2	10
20	-1.726	-1.727	.153	34.033	27.412	29.821	32.200	36.871	67.48	.014	1440.2	20
30	-1.776	-1.776	.121	34.214	27.560	29.969	32.348	37.019	53.44	.020	1440.4	30
40	-1.793	-1.794	.119	34.345	27.667	30.076	32.454	37.124	43.24	.025	1440.7	40
50	-1.806	-1.807	.115	34.357	27.677	30.086	32.465	37.135	42.23	.029	1440.8	50
60	-1.813	-1.814	.115	34.362	27.681	30.090	32.469	37.140	41.78	.033	1441.0	60
70	-1.814	-1.815	.123	34.374	27.691	30.100	32.479	37.149	40.77	.038	1441.1	71
80	-1.804	-1.806	.141	34.382	27.697	30.106	32.485	37.154	40.15	.042	1441.4	81
90	-1.766	-1.768	.187	34.400	27.711	30.119	32.497	37.166	38.79	.046	1441.7	91
100	-1.701	-1.703	.261	34.422	27.727	30.134	32.511	37.177	37.23	.049	1442.2	101
125	-.343	-.348	1.644	34.533	27.767	30.152	32.508	37.133	33.83	.058	1449.1	126
150	.847	.840	2.860	34.648	27.793	30.161	32.499	37.088	31.76	.066	1455.1	151
175	1.081	1.072	3.114	34.676	27.801	30.165	32.499	37.082	31.24	.074	1456.6	176
200	1.181	1.172	3.235	34.691	27.806	30.169	32.502	37.082	30.83	.082	1457.5	202
225	1.233	1.222	3.306	34.702	27.811	30.173	32.505	37.084	30.46	.090	1458.2	227
250	1.242	1.229	3.334	34.709	27.816	30.178	32.510	37.089	30.04	.097	1458.6	252
275	1.246	1.233	3.358	34.711	27.818	30.180	32.512	37.090	29.99	.105	1459.1	277
300	1.243	1.228	3.374	34.713	27.820	30.182	32.514	37.092	29.89	.112	1459.5	302
325	1.238	1.222	3.388	34.715	27.822	30.184	32.516	37.094	29.77	.120	1459.9	328
350	1.233	1.216	3.402	34.716	27.823	30.185	32.517	37.096	29.73	.127	1460.3	353
375	1.223	1.205	3.412	34.718	27.825	30.188	32.520	37.099	29.58	.135	1460.6	378
400	1.214	1.194	3.421	34.718	27.826	30.189	32.521	37.100	29.58	.142	1461.0	403
425	1.201	1.180	3.427	34.720	27.828	30.191	32.524	37.103	29.40	.149	1461.4	429
450	1.188	1.165	3.433	34.723	27.831	30.195	32.528	37.107	29.14	.157	1461.7	454
475	1.177	1.153	3.441	34.723	27.832	30.196	32.529	37.109	29.12	.164	1462.1	479
500	1.164	1.139	3.447	34.723	27.833	30.197	32.530	37.111	29.09	.171	1462.4	504
550	1.136	1.109	3.458	34.725	27.836	30.201	32.535	37.116	28.85	.186	1463.2	555
600	1.112	1.081	3.471	34.726	27.839	30.204	32.538	37.120	28.71	.200	1463.9	605





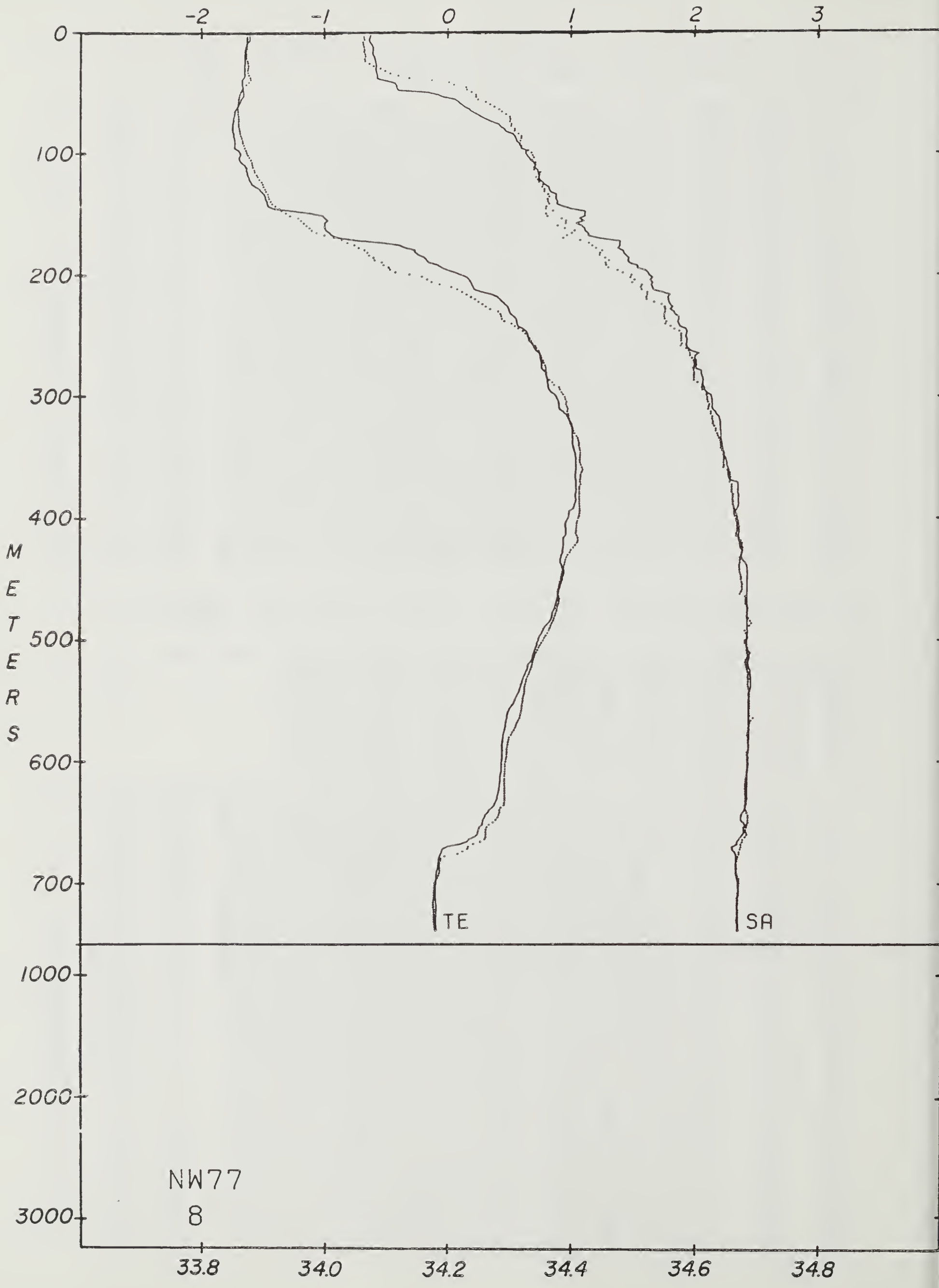
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
72 59.3S	177 31.0E	570	985	1002.8	160	6	-3.2	0	0	0	0	1650	19DEC76	NW	77	1	7

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.809	-1.809	.049	33.937	27.336	29.747	32.128	36.802	74.83	0.000	1439.4	0
10	-1.807	-1.807	.060	33.940	27.339	29.750	32.130	36.804	74.49	.007	1439.6	10
20	-1.713	-1.714	.169	34.082	27.452	29.860	32.239	36.909	63.75	.014	1440.4	20
30	-1.607	-1.608	.288	34.169	27.520	29.926	32.303	36.968	57.27	.020	1441.2	30
40	-1.715	-1.716	.191	34.235	27.576	29.984	32.362	37.030	51.88	.026	1440.9	40
50	-1.761	-1.762	.155	34.275	27.609	30.018	32.396	37.066	48.65	.031	1440.9	50
60	-1.758	-1.760	.166	34.290	27.621	30.030	32.408	37.077	47.46	.036	1441.1	60
70	-1.731	-1.732	.202	34.310	27.637	30.045	32.423	37.091	45.92	.040	1441.4	71
80	-1.708	-1.710	.233	34.315	27.640	30.048	32.425	37.093	45.51	.045	1441.7	81
90	-1.601	-1.604	.348	34.340	27.658	30.064	32.439	37.104	43.84	.049	1442.4	91
100	-1.407	-1.409	.552	34.365	27.672	30.075	32.448	37.106	42.47	.054	1443.5	101
125	-.891	-.895	1.089	34.410	27.691	30.085	32.450	37.092	40.82	.064	1446.4	126
150	-.836	-.841	1.165	34.448	27.720	30.113	32.477	37.117	38.01	.074	1447.2	151
175	-.486	-.492	1.537	34.484	27.734	30.122	32.480	37.109	36.78	.083	1449.2	176
200	-.063	-.071	1.981	34.533	27.753	30.135	32.486	37.103	35.12	.092	1451.7	202
225	.248	.239	2.314	34.563	27.761	30.138	32.485	37.092	34.57	.101	1453.5	227
250	.733	.722	2.821	34.618	27.777	30.146	32.486	37.079	33.45	.110	1456.2	252
275	.907	.895	3.015	34.633	27.778	30.145	32.482	37.070	33.50	.118	1457.4	277
300	1.008	.994	3.135	34.647	27.782	30.148	32.483	37.069	33.21	.126	1458.3	302
325	1.050	1.034	3.196	34.656	27.787	30.152	32.487	37.071	32.85	.135	1458.9	328
350	1.085	1.068	3.251	34.660	27.788	30.153	32.487	37.070	32.87	.143	1459.5	353
375	1.110	1.092	3.296	34.672	27.795	30.160	32.494	37.076	32.23	.151	1460.1	378
400	1.123	1.104	3.328	34.677	27.799	30.163	32.497	37.079	32.01	.159	1460.5	403
425	1.115	1.094	3.339	34.682	27.803	30.168	32.502	37.084	31.61	.167	1460.9	429
450	1.100	1.078	3.343	34.688	27.809	30.174	32.508	37.091	31.13	.175	1461.3	454
475	1.091	1.068	3.354	34.692	27.813	30.178	32.512	37.095	30.82	.182	1461.7	479
500	1.037	1.012	3.319	34.695	27.819	30.185	32.520	37.104	30.24	.190	1461.8	504
550	.944	.917	3.264	34.693	27.824	30.191	32.527	37.115	29.77	.205	1462.2	555
600	.854	.825	3.212	34.698	27.833	30.202	32.540	37.129	28.83	.220	1462.7	605
650	.765	.734	3.161	34.697	27.838	30.209	32.548	37.140	28.28	.234	1463.1	656
700	.680	.646	3.114	34.697	27.843	30.215	32.555	37.150	27.73	.248	1463.6	706
750	.640	.604	3.112	34.702	27.850	30.222	32.563	37.159	27.12	.262	1464.2	757
800	.564	.525	3.074	34.703	27.855	30.229	32.571	37.169	26.50	.275	1464.7	808
850	.536	.495	3.083	34.700	27.855	30.229	32.572	37.171	26.51	.288	1465.4	858
900	.531	.487	3.116	34.700	27.855	30.230	32.572	37.171	26.56	.302	1466.2	909
950	.518	.471	3.141	34.699	27.855	30.230	32.573	37.172	26.58	.315	1467.0	959
985	.525	.476	3.175	34.695	27.851	30.226	32.569	37.169	26.97	.324	1467.6	995

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 0.5S	177 26.5E	570	985	1002.6	150	6	-3.2	0	0	0	0	1826	19DEC76	NW	77	2	7

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	DXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
87	-1.70	-1.70	0.25	34.321	27.65	30.05	6.47	65	2.16			C7	2	7
150	-0.94	-0.94	1.06	34.428	27.71	30.10	5.99	71	2.28				2	7
198	-0.19	-0.20	1.85	34.520	27.75	30.13	5.45	79	2.04			C7	2	7
300	0.97	0.96	3.10	34.632	27.77	30.14	4.69	97	2.32			C8	2	7
367	1.12	1.10	3.30	34.694	27.81	30.18	4.71	99	2.32				2	7
569	0.85	0.82	3.20	34.709	27.84	30.21	4.82	110	2.30			C7	2	7
739	0.66	0.62	3.12	34.697	27.84	30.22	4.52	115	2.38			D2	2	7
896	0.53	0.49	3.11	34.697	27.85	30.23	5.06	110	2.35			C7	2	7
980	0.53	0.48	3.18	34.695	27.85	30.23	5.03	110	2.34				2	7

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.744	-1.744	.117	33.987	27.375	29.784	32.164	36.836	71.13	0.000	1439.8	0
10	-1.750	-1.750	.119	33.992	27.380	29.789	32.169	36.840	70.64	.007	1439.9	10
20	-1.664	-1.664	.219	34.101	27.465	29.873	32.251	36.919	62.46	.014	1440.6	20
30	-1.592	-1.593	.304	34.191	27.536	29.943	32.319	36.984	55.67	.020	1441.3	30
40	-1.659	-1.660	.249	34.268	27.601	30.008	32.385	37.051	49.51	.025	1441.2	40
50	-1.740	-1.741	.178	34.312	27.639	30.047	32.425	37.094	45.84	.030	1441.1	50
60	-1.745	-1.746	.182	34.327	27.651	30.060	32.438	37.106	44.59	.034	1441.2	60
70	-1.735	-1.737	.199	34.334	27.656	30.064	32.442	37.111	44.06	.039	1441.5	71
80	-1.721	-1.722	.222	34.346	27.666	30.073	32.451	37.119	43.11	.043	1441.7	81
90	-1.682	-1.684	.269	34.352	27.669	30.076	32.453	37.120	42.74	.047	1442.1	91
100	-1.524	-1.526	.435	34.371	27.681	30.095	32.460	37.121	41.64	.051	1443.0	101
125	-1.120	-1.124	.860	34.405	27.695	30.093	32.462	37.111	40.28	.062	1445.4	126
150	-.959	-.964	1.041	34.434	27.713	30.108	32.474	37.117	38.63	.072	1446.6	151
175	-.447	-.453	1.576	34.491	27.738	30.125	32.483	37.111	36.43	.081	1449.4	176
200	-.156	-.163	1.888	34.520	27.748	30.130	32.484	37.103	35.62	.090	1451.2	202
225	.295	.286	2.360	34.566	27.761	30.137	32.483	37.089	34.65	.099	1453.8	227
250	.568	.557	2.654	34.598	27.771	30.143	32.485	37.083	33.90	.107	1455.5	252
275	.860	.847	2.967	34.631	27.779	30.147	32.485	37.074	33.34	.116	1457.2	277
300	.976	.962	3.102	34.632	27.772	30.138	32.475	37.061	34.13	.124	1458.2	302
325	1.131	1.115	3.278	34.664	27.788	30.152	32.485	37.067	32.86	.133	1459.3	328
350	1.153	1.136	3.320	34.676	27.796	30.160	32.493	37.074	32.15	.141	1459.8	353
375	1.128	1.109	3.314	34.686	27.806	30.170	32.504	37.085	31.28	.149	1460.2	378
400	1.134	1.114	3.339	34.685	27.804	30.169	32.502	37.084	31.47	.156	1460.6	403
425	1.115	1.095	3.340	34.695	27.814	30.179	32.512	37.095	30.62	.164	1460.9	429
450	1.104	1.082	3.348	34.696	27.815	30.180	32.514	37.097	30.56	.172	1461.3	454
475	1.078	1.055	3.341	34.698	27.819	30.184	32.518	37.102	30.27	.179	1461.6	479
500	1.027	1.003	3.309	34.696	27.820	30.186	32.522	37.106	30.10	.187	1461.8	504
550	.916	.889	3.236	34.701	27.832	30.200	32.537	37.125	28.92	.202	1462.1	555
600	.819	.790	3.176	34.699	27.836	30.205	32.544	37.134	28.50	.216	1462.5	605
650	.746	.715	3.142	34.700	27.842	30.212	32.552	37.144	27.94	.230	1463.0	656
700	.678	.644	3.111	34.694	27.842	30.213	32.554	37.148	27.89	.244	1463.5	706
750	.636	.600	3.108	34.699	27.848	30.220	32.561	37.157	27.30	.258	1464.2	757
800	.592	.553	3.102	34.702	27.853	30.226	32.568	37.165	26.80	.272	1464.8	808
850	.549	.508	3.097	34.697	27.851	30.226	32.568	37.166	26.89	.285	1465.5	858
900	.531	.487	3.116	34.695	27.851	30.226	32.568	37.168	26.91	.298	1466.2	909
950	.525	.478	3.148	34.691	27.848	30.223	32.566	37.165	27.23	.312	1467.0	959
980	.529	.481	3.175	34.689	27.846	30.221	32.564	37.163	27.45	.320	1467.5	990



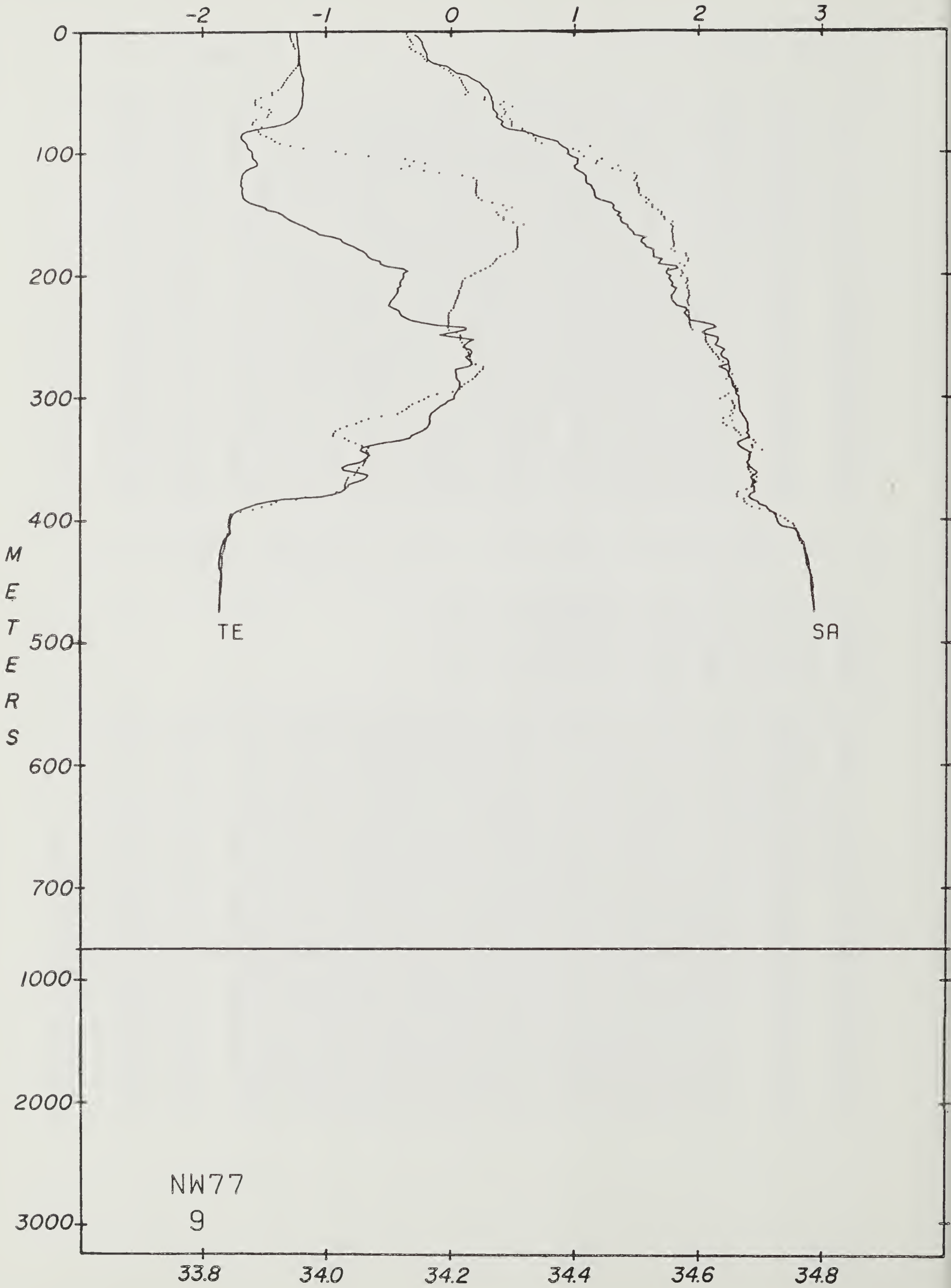
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN	
73	8.7S	177	35.6E	570	739	1002.6	160	5	-3.1	0	0	0	1928	19DEC76	NW	77	1	8

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.610	-1.610	.256	34.074	27.442	29.849	32.226	36.893	64.78	0.000	1440.5	0
10	-1.640	-1.640	.234	34.078	27.447	29.854	32.232	36.899	64.28	.006	1440.6	10
20	-1.649	-1.650	.233	34.082	27.450	29.858	32.235	36.903	63.92	.013	1440.7	20
30	-1.652	-1.653	.238	34.084	27.452	29.859	32.237	36.905	63.69	.019	1440.8	30
40	-1.671	-1.672	.228	34.113	27.475	29.883	32.261	36.930	61.37	.025	1440.9	40
50	-1.659	-1.660	.251	34.184	27.533	29.940	32.318	36.985	55.88	.031	1441.3	50
60	-1.708	-1.710	.213	34.228	27.570	29.979	32.356	37.024	52.28	.037	1441.3	60
70	-1.742	-1.743	.189	34.264	27.600	30.008	32.387	37.055	49.40	.042	1441.3	71
80	-1.746	-1.748	.194	34.298	27.627	30.035	32.414	37.083	46.74	.047	1441.3	81
90	-1.729	-1.731	.220	34.317	27.642	30.050	32.428	37.096	45.29	.051	1441.8	91
100	-1.683	-1.685	.274	34.330	27.652	30.059	32.437	37.103	44.29	.056	1442.2	101
125	-1.573	-1.576	.405	34.361	27.674	30.080	32.454	37.118	42.12	.067	1443.2	126
150	-1.028	-1.032	.973	34.422	27.706	30.102	32.469	37.115	39.27	.077	1446.2	151
175	-.364	-.370	1.659	34.480	27.725	30.111	32.467	37.093	37.69	.086	1449.8	176
200	.153	.145	2.197	34.532	27.741	30.120	32.468	37.078	36.40	.096	1452.6	202
225	.497	.487	2.562	34.565	27.748	30.121	32.465	37.065	35.96	.105	1454.7	227
250	.663	.652	2.748	34.589	27.757	30.128	32.469	37.064	35.21	.114	1455.9	252
275	.772	.760	2.878	34.606	27.765	30.134	32.473	37.065	34.63	.122	1456.8	277
300	.897	.883	3.023	34.629	27.776	30.143	32.480	37.069	33.75	.131	1457.8	302
325	1.014	.999	3.160	34.643	27.779	30.145	32.480	37.065	33.59	.139	1458.8	328
350	1.045	1.028	3.210	34.652	27.784	30.150	32.485	37.069	33.15	.148	1459.3	353
375	1.047	1.029	3.232	34.671	27.799	30.165	32.500	37.084	31.79	.156	1459.8	378
400	.967	.947	3.171	34.672	27.806	30.172	32.508	37.095	31.19	.164	1459.8	403
425	.934	.914	3.158	34.679	27.813	30.180	32.516	37.104	30.53	.171	1460.1	429
450	.928	.906	3.171	34.687	27.820	30.187	32.523	37.111	29.93	.179	1460.5	454
475	.855	.832	3.117	34.687	27.824	30.193	32.531	37.120	29.44	.186	1460.6	479
500	.731	.707	3.012	34.686	27.831	30.202	32.541	37.134	28.66	.194	1460.5	504
550	.535	.510	2.854	34.689	27.846	30.219	32.561	37.160	27.10	.207	1460.4	555
600	.440	.413	2.797	34.688	27.851	30.226	32.569	37.171	26.49	.221	1460.8	605
650	.280	.251	2.674	34.683	27.855	30.233	32.579	37.185	25.81	.234	1460.9	656
700	-.097	-.127	2.335	34.672	27.867	30.250	32.602	37.219	24.03	.246	1460.0	706
737	-.088	-.120	2.372	34.673	27.867	30.250	32.602	37.219	23.99	.255	1460.7	744

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN	
73	5.8S	177	25.6E	570	739	1002.3	160	4	-2.8	0	0	0	2104	19DEC76	NW	77	2	8

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.62	-1.62	0.25	34.062	27.43	29.84				-0.30		C1	2	8
55	-1.69	-1.69	0.23	34.256	27.59	30.00				-0.30		A1	2	8
163	-1.10	-1.10	0.91	34.407	27.70	30.09							2	8
181	-0.65	-0.66	1.38	34.448	27.71	30.10						C7	2	8
320	1.00	0.98	3.14	34.648	27.78	30.15				-0.09			2	8
629	0.46	0.43	2.84	34.690	27.85	30.23							2	8
657	0.32	0.29	2.72	34.678	27.85	30.23							2	8
737	-0.09	-0.12	2.37	34.672	27.87	30.25				-0.25		C8	2	8

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.628	-1.628	.238	34.062	27.433	29.840	32.218	36.885	65.65	0.000	1440.4	0
10	-1.632	-1.633	.241	34.063	27.434	29.842	32.219	36.886	65.46	.007	1440.6	10
20	-1.636	-1.636	.245	34.065	27.436	29.843	32.221	36.888	63.27	.013	1440.7	20
30	-1.625	-1.626	.266	34.100	27.464	29.871	32.248	36.915	62.56	.019	1441.0	30
40	-1.620	-1.621	.284	34.201	27.546	29.952	32.329	36.995	54.74	.025	1441.3	40
50	-1.689	-1.691	.225	34.246	27.584	29.991	32.369	37.036	51.08	.031	1441.2	50
60	-1.706	-1.707	.218	34.278	27.610	30.018	32.396	37.064	48.48	.036	1441.3	60
70	-1.698	-1.699	.235	34.302	27.630	30.037	32.415	37.082	46.59	.040	1441.6	71
80	-1.689	-1.691	.252	34.310	27.636	30.043	32.421	37.088	45.93	.045	1441.8	81
90	-1.661	-1.663	.288	34.318	27.642	30.049	32.425	37.092	45.35	.050	1442.1	91
100	-1.619	-1.621	.339	34.340	27.658	30.064	32.440	37.105	43.78	.054	1442.5	101
125	-1.498	-1.501	.479	34.355	27.667	30.071	32.445	37.107	42.79	.065	1443.5	126
150	-1.271	-1.275	.726	34.367	27.670	30.070	32.441	37.095	42.53	.076	1445.0	151
175	-.737	-.743	1.283	34.438	27.708	30.100	32.462	37.099	39.12	.086	1448.0	176
200	-.214	-.221	1.829	34.501	27.735	30.119	32.473	37.094	36.80	.095	1450.9	202
225	.335	.325	2.399	34.553	27.748	30.124	32.470	37.075	35.82	.104	1453.9	227
250	.669	.658	2.754	34.579	27.750	30.121	32.461	37.056	35.93	.113	1455.9	252
275	.803	.791	2.909	34.599	27.757	30.126	32.465	37.056	35.34	.122	1456.9	277
300	.964	.950	3.089	34.622	27.765	30.132	32.468	37.055	34.78	.131	1458.1	302
325	1.025	1.009	3.170	34.635	27.772	30.138	32.473	37.058	34.24	.140	1458.8	328
350	1.079	1.062	3.244	34.649	27.779	30.144	32.479	37.062	33.69	.148	1459.5	353
375	1.072	1.054	3.257	34.662	27.790	30.155	32.490	37.073	32.70	.156	1459.9	378
400	1.058	1.038	3.252	34.670	27.797	30.163	32.498	37.082	32.05	.164	1460.2	403
425	.999	.978	3.223	34.679	27.808	30.175	32.510	37.096	31.00	.172	1460.4	429
450	.913	.892	3.156	34.677	27.813	30.181	32.517	37.105	30.52	.180	1460.4	454
475	.884	.861	3.146	34.687	27.823	30.191	32.528	37.117	29.61	.198	1460.7	479
500	.765	.741	3.046	34.683	27.827	30.197	32.536	37.128	29.10	.195	1460.6	504
550	.610	.585	2.930	34.691	27.843	30.215	32.556	37.153	27.48	.209	1460.7	555
600	.472	.444	2.829	34.688	27.849	30.223	32.566	37.167	26.76	.223	1460.9	605
650	.342	.313	2.737	34.687	27.855	30.231	32.577	37.181	25.94	.236	1461.2	656
700	-.105	-.134	2.327	34.674	27.869	30.252	32.604	37.221	23.84	.248	1460.0	706
737	-.095	-.127	2.365	34.672	27.867	30.250	32.602	37.219	24.02	.257	1460.6	744



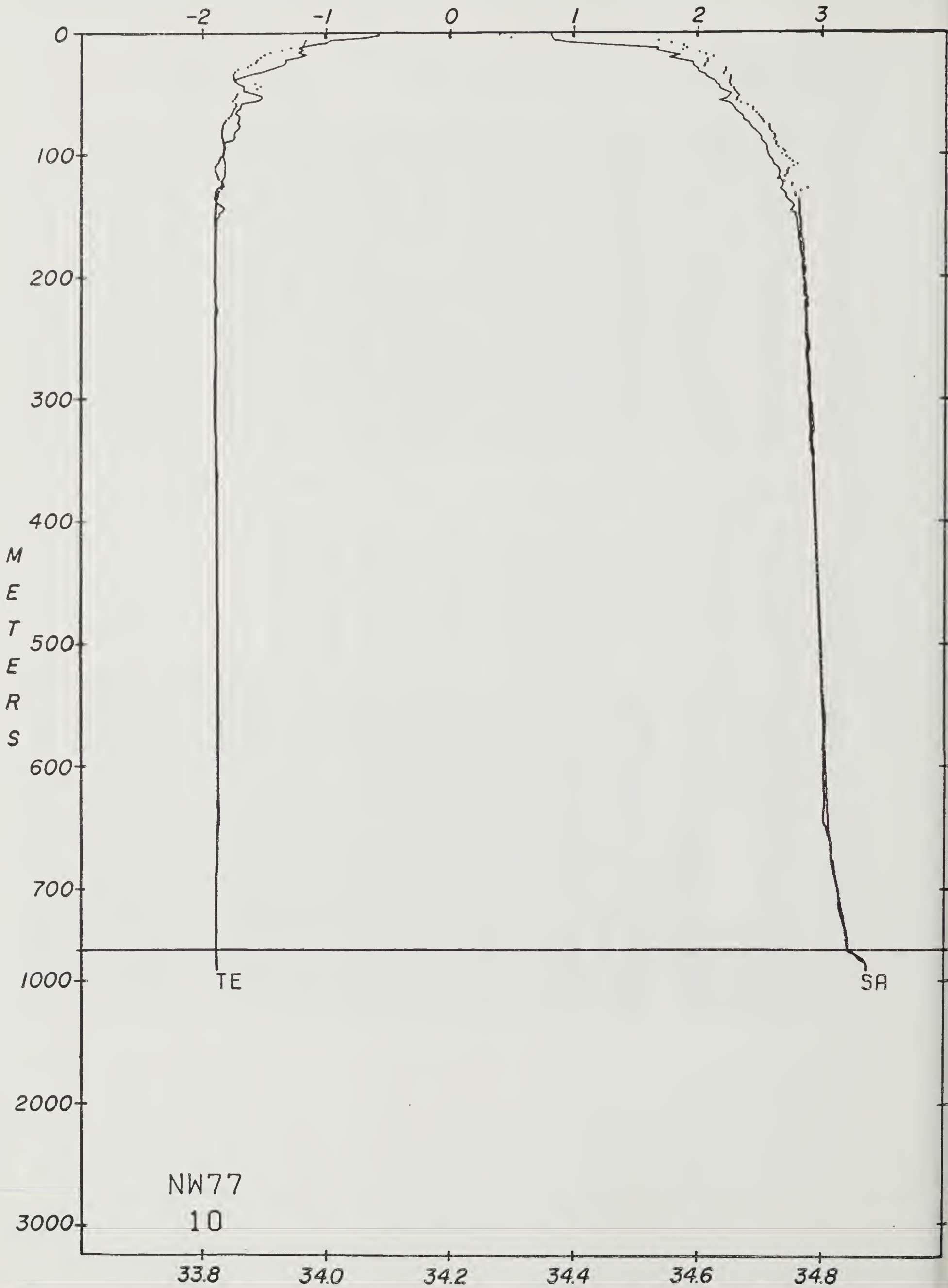
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 18.4S	177 17.0E	570	475	1002.0	110	3	-2.8	0	0	0	2307	19DEC76	NW	77	1	9

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.242	-1.242	.628	34.144	27.488	29.889	32.260	36.915	60.44	0.000	1442.4	0
10	-1.231	-1.231	.648	34.155	27.497	29.898	32.269	36.923	59.52	.006	1442.6	10
20	-1.219	-1.219	.668	34.162	27.502	29.902	32.273	36.927	59.00	.012	1442.8	20
30	-1.209	-1.209	.688	34.200	27.533	29.933	32.303	36.957	56.06	.018	1443.1	30
40	-1.185	-1.186	.721	34.240	27.564	29.963	32.333	36.986	53.07	.023	1443.4	40
50	-1.190	-1.191	.725	34.263	27.583	29.982	32.352	37.004	51.25	.028	1443.6	50
60	-1.198	-1.199	.725	34.269	27.588	29.988	32.357	37.010	50.71	.033	1443.7	60
70	-1.249	-1.251	.682	34.275	27.594	29.995	32.365	37.019	50.04	.038	1443.7	71
80	-1.552	-1.554	.388	34.300	27.624	30.029	32.404	37.067	47.13	.043	1442.4	81
90	-1.661	-1.663	.291	34.369	27.683	30.090	32.466	37.132	41.45	.048	1442.2	91
100	-1.597	-1.599	.363	34.392	27.700	30.106	32.481	37.144	39.81	.052	1442.7	101
125	-1.687	-1.690	.294	34.424	27.728	30.135	32.512	37.178	36.95	.061	1442.7	126
150	-1.355	-1.358	.648	34.471	27.756	30.158	32.529	37.185	34.32	.070	1444.8	151
175	-.796	-.801	1.229	34.516	27.773	30.165	32.528	37.167	32.94	.079	1447.8	176
200	-.378	-.385	1.668	34.555	27.786	30.173	32.529	37.154	31.84	.087	1450.2	202
225	-.473	-.480	1.593	34.574	27.806	30.193	32.551	37.179	29.89	.095	1450.3	227
250	.041	.031	2.129	34.632	27.827	30.207	32.557	37.170	28.18	.102	1453.1	252
275	.084	.074	2.192	34.639	27.831	30.210	32.559	37.171	27.87	.109	1453.7	277
300	.020	.009	2.148	34.666	27.856	30.236	32.586	37.199	25.45	.115	1453.9	302
325	-.209	-.221	1.939	34.681	27.880	30.264	32.617	37.236	22.97	.122	1453.3	328
350	-.696	-.708	1.471	34.683	27.903	30.294	32.635	37.289	20.26	.127	1451.4	353
375	-.868	-.880	1.318	34.691	27.917	30.311	32.674	37.313	18.70	.132	1451.1	378
400	-1.771	-1.781	.437	34.730	27.979	30.385	32.762	37.429	11.82	.136	1447.3	403
425	-1.852	-1.862	.377	34.775	28.017	30.426	32.804	37.472	7.93	.138	1447.4	429
450	-1.841	-1.853	.407	34.784	28.024	30.432	32.810	37.478	7.19	.140	1447.9	454
475	-1.861	-1.873	.407	34.789	28.029	30.437	32.815	37.483	6.61	.142	1448.2	478

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 18.0S	177 15.2E	570	475	1002.0	110	3	-2.5	0	0	0	29	20DEC76	NW	77	2	9

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.31	-1.31	0.56	34.129	27.48	29.88	7.97	64	2.06				2	9
18	-1.22	-1.22	0.66	34.146	27.49	29.89	8.03	61	1.50			C7	2	9
60	-1.46	-1.46	0.46	34.279	27.60	30.01	7.08	64	1.80				2	9
79	-1.54	-1.54	0.40	34.313	27.63	30.04	7.07	68	1.84			C7	2	9
110	-0.29	-0.29	1.68	34.471	27.71	30.10	5.62	75	1.79				2	9
241	-0.02	-0.03	2.06	34.594	27.80	30.18	5.33	90	1.61			C7D4	2	9
291	0.08	0.07	2.20	34.664	27.85	30.23	5.36	99				C7	2	9
335	-0.69	-0.70	1.47	34.681	27.90	30.29	5.83	89	1.35			D4	2	9
396	-1.65	-1.66	0.55	34.712	27.96	30.37	5.93	83	1.56			D2C7	2	9
474	-1.86	-1.87	0.41	34.790	28.03	30.44	6.51	82	1.89				2	9

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.291	-1.291	.578	34.129	27.477	29.879	32.251	36.907	61.44	0.000	1442.1	0
10	-1.270	-1.270	.608	34.140	27.486	29.897	32.259	36.914	60.60	.006	1442.4	10
20	-1.223	-1.223	.663	34.157	27.498	29.899	32.269	36.924	59.37	.012	1442.8	20
30	-1.249	-1.250	.647	34.190	27.526	29.927	32.298	36.952	56.70	.018	1442.9	30
40	-1.328	-1.329	.577	34.217	27.550	29.952	32.324	36.981	54.33	.023	1442.7	40
50	-1.438	-1.439	.475	34.228	27.562	29.966	32.340	37.000	53.13	.029	1442.4	50
60	-1.564	-1.565	.361	34.288	27.615	30.020	32.396	37.059	48.10	.034	1442.0	60
70	-1.495	-1.497	.437	34.287	27.612	30.016	32.390	37.052	48.34	.039	1442.5	71
80	-1.554	-1.556	.387	34.318	27.639	30.044	32.419	37.082	45.73	.043	1442.5	81
90	-1.408	-1.410	.542	34.342	27.654	30.057	32.429	37.088	44.26	.048	1443.3	91
100	-.815	-.818	1.146	34.404	27.683	30.077	32.440	37.080	41.61	.052	1446.4	101
125	.210	.205	2.196	34.502	27.714	30.092	32.439	37.048	38.99	.062	1451.6	126
150	.391	.385	2.398	34.540	27.734	30.109	32.454	37.057	37.15	.072	1452.9	151
175	.544	.536	2.571	34.560	27.742	30.114	32.457	37.056	36.52	.081	1454.1	176
200	.159	.152	2.206	34.577	27.777	30.155	32.503	37.113	33.04	.090	1452.7	202
225	.027	.018	2.093	34.583	27.789	30.169	32.519	37.133	31.81	.098	1452.6	227
250	.084	.074	2.171	34.613	27.810	30.189	32.538	37.150	29.88	.106	1453.3	252
275	.264	.253	2.372	34.651	27.831	30.208	32.554	37.160	28.00	.113	1454.6	277
300	-.213	-.224	1.914	34.641	27.848	30.232	32.585	37.205	25.99	.120	1452.8	302
325	-.901	-.911	1.246	34.660	27.893	30.287	32.651	37.292	21.07	.125	1450.0	328
350	-.676	-.688	1.491	34.682	27.902	30.293	32.653	37.286	20.41	.131	1451.5	353
375	-.880	-.892	1.306	34.673	27.903	30.296	32.660	37.300	20.05	.136	1451.0	378
400	-1.783	-1.793	.426	34.747	27.993	30.400	32.777	37.443	10.50	.139	1447.3	403
425	-1.829	-1.840	.400	34.774	28.016	30.424	32.801	37.469	8.08	.142	1447.5	429
450	-1.855	-1.866	.394	34.787	28.027	30.435	32.813	37.482	6.89	.144	1447.8	454
472	-1.859	-1.871	.407	34.790	28.029	30.438	32.816	37.484	6.55	.145	1448.2	476



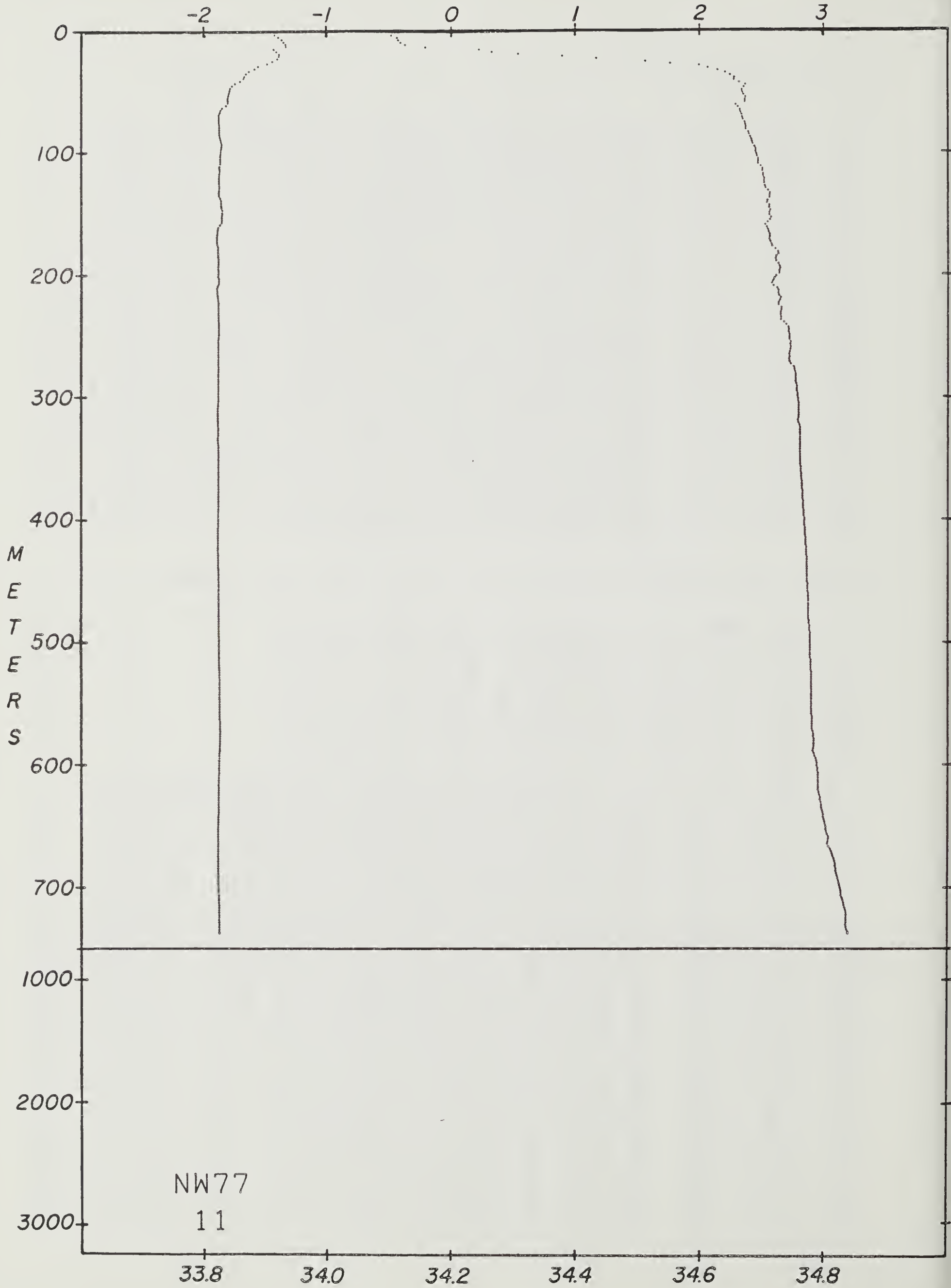
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 11.9S	168 43.0E	570	915	1006.4	130	9	-0.9	2		0	0	1942	20DEC76	NW	77	1	10

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.508	-1.508	1.372	34.317	27.600	29.989	32.347	36.979	49.84	0.000	1446.0	0
10	-1.134	-1.134	.763	34.468	27.747	30.144	32.513	37.161	35.88	.004	1443.5	10
20	-1.204	-1.205	.705	34.564	27.827	30.225	32.594	37.244	28.30	.007	1443.4	20
30	-1.447	-1.448	.472	34.603	27.866	30.268	32.640	37.297	24.49	.010	1442.5	30
40	-1.720	-1.721	.209	34.630	27.896	30.303	32.679	37.344	21.56	.012	1441.4	40
50	-1.573	-1.575	.364	34.654	27.912	30.315	32.690	37.350	20.07	.015	1442.3	50
60	-1.677	-1.678	.269	34.658	27.918	30.324	32.699	37.363	19.41	.016	1442.0	60
70	-1.684	-1.686	.270	34.675	27.932	30.338	32.713	37.377	18.01	.018	1442.2	71
80	-1.708	-1.710	.254	34.694	27.948	30.354	32.730	37.394	16.47	.020	1442.3	81
90	-1.793	-1.795	.178	34.707	27.961	30.368	32.745	37.412	15.18	.022	1442.0	91
100	-1.820	-1.822	.160	34.716	27.968	30.376	32.753	37.421	14.39	.023	1442.1	101
125	-1.836	-1.839	.163	34.738	27.987	30.395	32.773	37.440	12.49	.027	1442.5	126
150	-1.850	-1.853	.170	34.761	28.006	30.414	32.791	37.460	10.59	.029	1442.8	151
175	-1.882	-1.885	.158	34.768	28.012	30.420	32.799	37.468	9.82	.032	1443.1	176
200	-1.883	-1.887	.176	34.773	28.016	30.425	32.803	37.472	9.26	.034	1443.5	202
225	-1.867	-1.872	.211	34.779	28.021	30.429	32.807	37.476	8.72	.037	1444.0	227
250	-1.883	-1.888	.214	34.781	28.023	30.431	32.810	37.479	8.36	.039	1444.4	252
275	-1.876	-1.882	.240	34.783	28.024	30.432	32.811	37.479	8.12	.041	1444.8	277
300	-1.875	-1.882	.260	34.784	28.025	30.434	32.812	37.480	7.88	.043	1445.2	302
325	-1.877	-1.885	.277	34.789	28.030	30.438	32.816	37.485	7.32	.045	1445.6	328
350	-1.874	-1.882	.299	34.789	28.029	30.437	32.816	37.484	7.25	.046	1446.1	353
375	-1.873	-1.882	.319	34.789	28.029	30.437	32.816	37.484	7.09	.048	1446.5	378
400	-1.869	-1.879	.342	34.792	28.031	30.439	32.818	37.486	6.76	.050	1446.9	403
425	-1.869	-1.880	.361	34.794	28.033	30.441	32.819	37.488	6.47	.052	1447.4	429
450	-1.868	-1.879	.382	34.797	28.035	30.443	32.822	37.490	6.11	.053	1447.8	454
475	-1.864	-1.876	.404	34.799	28.037	30.446	32.824	37.492	5.78	.055	1448.2	479
500	-1.860	-1.872	.428	34.802	28.039	30.447	32.825	37.494	5.48	.056	1448.7	504
550	-1.859	-1.873	.467	34.804	28.041	30.449	32.827	37.496	5.05	.059	1449.5	555
600	-1.854	-1.870	.510	34.809	28.045	30.453	32.831	37.499	4.43	.061	1450.4	605
650	-1.863	-1.881	.539	34.813	28.049	30.457	32.835	37.504	3.77	.063	1451.2	656
700	-1.869	-1.889	.572	34.829	28.062	30.470	32.848	37.517	2.29	.065	1452.0	706
750	-1.874	-1.895	.605	34.843	28.073	30.482	32.860	37.529	.92	.066	1452.8	757
800	-1.874	-1.897	.645	34.859	28.086	30.494	32.873	37.541	-.51	.066	1453.7	808
848	-1.862	-1.886	.694	34.869	28.094	30.502	32.880	37.548	-1.46	.065	1454.6	856

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 12.1S	168 39.7E	570	915	1007.0	130	9	-0.6	2		0	0	2125	20DEC76	NW	77	2	10

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.80	-0.80	1.08	34.268	27.57	29.97	8.95	66	1.36			A15	2	10
11	-1.17	-1.17	0.72	34.359	27.66	30.06	8.70	65	1.54				2	10
38	-1.73	-1.73	0.20	34.630	27.90	30.30	7.80	72	2.17			C7	2	10
61	-1.74	-1.74	0.21	34.647	27.91	30.32	7.27	72	2.03				2	10
91	-1.81	-1.81	0.16	34.728	27.98	30.39	6.81	75	2.05			C7	2	10
127	-1.85	-1.85	0.15	34.762	28.01	30.41	6.66	77	2.12				2	10
214	-1.88	-1.88	0.19	34.778	28.02	30.43	6.63	74	2.19			C7	2	10
341	-1.88	-1.89	0.29	34.783	28.02	30.43	6.76	77	2.19				2	10
639	-1.85	-1.87	0.54	34.793	28.03	30.44	6.74	75	2.19			C7	2	10
887	-1.88	-1.91	0.71	34.874	28.10	30.51	6.53	86	2.25				2	10
913	-1.86	-1.89	0.75	34.876	28.10	30.51	6.56	87	2.24			C7	2	10

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.968	-1.968	.910	34.270	27.580	29.977	32.343	36.988	51.68	0.000	1443.8	0
10	-1.186	-1.186	.717	34.579	27.838	30.236	32.604	37.254	27.24	.004	1443.4	10
20	-1.515	-1.515	.398	34.625	27.886	30.289	32.662	37.321	22.64	.006	1442.1	20
30	-1.689	-1.690	.233	34.643	27.906	30.312	32.688	37.352	20.69	.009	1441.4	30
40	-1.682	-1.683	.248	34.653	27.914	30.320	32.696	37.359	19.87	.011	1441.7	40
50	-1.687	-1.688	.251	34.666	27.924	30.330	32.706	37.369	18.86	.013	1441.8	50
60	-1.709	-1.710	.238	34.681	27.938	30.344	32.719	37.384	17.54	.014	1441.9	60
70	-1.776	-1.777	.180	34.704	27.958	30.365	32.741	37.408	15.58	.016	1441.8	71
80	-1.827	-1.829	.137	34.719	27.971	30.379	32.757	37.424	14.22	.018	1441.7	81
90	-1.814	-1.816	.159	34.728	27.978	30.385	32.763	37.430	13.50	.019	1442.0	91
100	-1.819	-1.821	.161	34.739	27.987	30.395	32.772	37.440	12.59	.020	1442.1	101
125	-1.816	-1.819	.184	34.755	28.000	30.407	32.785	37.452	11.27	.023	1442.6	126
150	-1.883	-1.886	.137	34.767	28.012	30.420	32.798	37.467	10.00	.026	1442.7	151
175	-1.882	-1.885	.158	34.773	28.016	30.424	32.803	37.472	9.43	.028	1443.1	176
200	-1.884	-1.888	.175	34.774	28.017	30.426	32.804	37.473	9.20	.031	1443.5	202
225	-1.877	-1.883	.200	34.775	28.018	30.427	32.805	37.474	8.95	.033	1444.0	227
250	-1.878	-1.884	.218	34.778	28.020	30.429	32.807	37.476	8.61	.035	1444.4	252
275	-1.879	-1.886	.237	34.781	28.023	30.431	32.809	37.478	8.26	.037	1444.8	277
300	-1.883	-1.890	.252	34.784	28.025	30.433	32.812	37.481	7.88	.039	1445.2	302
325	-1.880	-1.888	.274	34.785	28.026	30.434	32.813	37.482	7.67	.041	1445.6	328
350	-1.873	-1.881	.301	34.789	28.029	30.437	32.816	37.484	7.25	.043	1446.1	353
375	-1.867	-1.876	.325	34.791	28.030	30.439	32.817	37.486	6.98	.045	1446.5	378
400	-1.868	-1.878	.343	34.793	28.032	30.441	32.819	37.487	6.69	.047	1446.9	403
425	-1.865	-1.876	.365	34.795	28.034	30.442	32.820	37.488	6.41	.048	1447.4	429
450	-1.864	-1.876	.385	34.797	28.035	30.443	32.822	37.490	6.12	.050	1447.8	454
475	-1.861	-1.873	.407	34.799	28.037	30.445	32.823	37.491	5.84	.051	1448.2	479
500	-1.861	-1.874	.426	34.801	28.038	30.447	32.825	37.493	5.55	.053	1448.7	504
550	-1.858	-1.872	.468	34.806	28.043	30.451	32.829	37.497	4.89	.055	1449.5	555
600	-1.854	-1.870	.509	34.806	28.042	30.451	32.829	37.497	4.66	.058	1450.4	605
650	-1.855	-1.873	.547	34.810	28.045	30.454	32.832	37.500	4.09	.060	1451.2	656
700	-1.869	-1.888	.572	34.828	28.061	30.469	32.848	37.516	2.34	.061	1452.0	706
750	-1.872	-1.893	.608	34.846	28.076	30.484	32.862	37.531	.70	.062	1452.8	757
800	-1.868	-1.891	.651	34.861	28.088	30.496	32.874	37.543	-.66	.062	1453.7	808
850	-1.869	-1.893	.689	34.872	28.096	30.505	32.883	37.551	-1.73	.062	1454.6	858
900	-1.864	-1.891	.731	34.873	28.097	30.506	32.884	37.552	-2.07	.061	1455.4	909
913	-1.864	-1.891	.741	34.874	28.098	30.506	32.884	37.553	-2.19	.060	1455.6	922

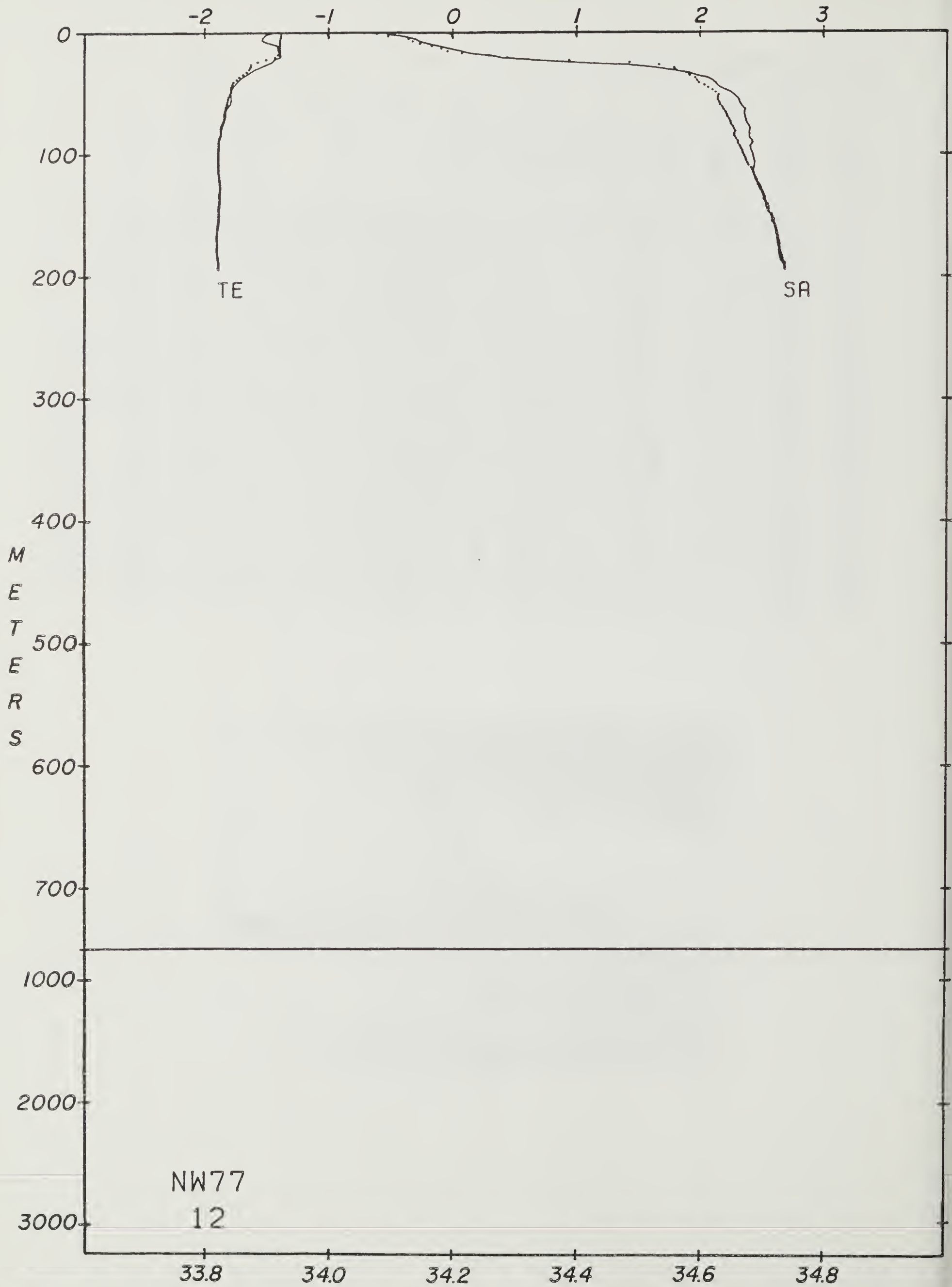


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 10. 1S	167 45. 9E	570	885	1007. 8	90	6	-1. 6	1	0	0	305	21DEC76	NW	77	2	11

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM. 5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1. 47	-1. 47	0. 39	34. 030	27. 40	29. 81		61		-0. 32	0. 34	C7	2	11
15	-1. 34	-1. 34	0. 54	34. 140	27. 49	29. 89		54		-0. 30	0. 42	D3C7	2	11
60	-1. 82	-1. 82	0. 13	34. 670	27. 93	30. 34						C7	2	11
266	-1. 85	-1. 86	0. 26	34. 770	28. 01	30. 42		62		-0. 48	0. 41	D3	2	11
437	-1. 89	-1. 90	0. 35	34. 782	28. 02	30. 43						C7	2	11
884	-1. 87	-1. 90	0. 71	34. 877	28. 10	30. 51		66		-0. 41	0. 51	D3	2	11

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1. 468	-1. 468	. 396	34. 038	27. 409	29. 814	32. 189	36. 852	67. 91	0. 000	1441. 1	0
10	-1. 344	-1. 344	. 533	34. 130	27. 480	29. 882	32. 255	36. 913	61. 16	. 006	1442. 0	10
20	-1. 399	-1. 400	. 500	34. 373	27. 679	30. 082	32. 454	37. 112	42. 25	. 012	1442. 3	20
30	-1. 601	-1. 602	. 319	34. 617	27. 882	30. 287	32. 661	37. 323	22. 95	. 015	1441. 8	30
40	-1. 715	-1. 716	. 215	34. 658	27. 919	30. 325	32. 701	37. 366	19. 39	. 017	1441. 5	40
50	-1. 809	-1. 810	. 130	34. 671	27. 932	30. 339	32. 717	37. 384	18. 15	. 019	1441. 3	50
60	-1. 832	-1. 834	. 113	34. 661	27. 924	30. 332	32. 710	37. 379	18. 79	. 021	1441. 3	60
70	-1. 889	-1. 890	. 065	34. 671	27. 934	30. 343	32. 721	37. 391	17. 82	. 023	1441. 2	71
80	-1. 884	-1. 886	. 078	34. 677	27. 939	30. 347	32. 726	37. 396	17. 29	. 024	1441. 4	81
90	-1. 869	-1. 871	. 100	34. 687	27. 946	30. 354	32. 733	37. 402	16. 54	. 026	1441. 6	91
100	-1. 874	-1. 876	. 104	34. 693	27. 952	30. 360	32. 739	37. 408	15. 95	. 028	1441. 8	101
125	-1. 885	-1. 888	. 112	34. 707	27. 963	30. 371	32. 750	37. 420	14. 73	. 031	1442. 2	126
150	-1. 860	-1. 863	. 157	34. 715	27. 969	30. 377	32. 755	37. 424	14. 05	. 035	1442. 7	151
175	-1. 895	-1. 899	. 141	34. 719	27. 973	30. 382	32. 761	37. 431	13. 48	. 039	1443. 0	176
200	-1. 890	-1. 894	. 166	34. 726	27. 979	30. 387	32. 766	37. 436	12. 81	. 042	1443. 4	202
225	-1. 887	-1. 892	. 189	34. 732	27. 983	30. 392	32. 771	37. 440	12. 23	. 045	1443. 9	227
250	-1. 888	-1. 894	. 207	34. 748	27. 996	30. 405	32. 783	37. 453	10. 89	. 048	1444. 3	252
275	-1. 890	-1. 897	. 224	34. 755	28. 002	30. 411	32. 789	37. 459	10. 19	. 050	1444. 7	277
300	-1. 891	-1. 897	. 243	34. 762	28. 007	30. 416	32. 794	37. 464	9. 53	. 053	1445. 1	302
325	-1. 891	-1. 898	. 262	34. 765	28. 010	30. 419	32. 797	37. 467	9. 16	. 055	1445. 6	328
350	-1. 890	-1. 898	. 282	34. 765	28. 010	30. 418	32. 797	37. 467	9. 02	. 058	1446. 0	353
375	-1. 889	-1. 898	. 302	34. 768	28. 013	30. 422	32. 800	37. 470	8. 61	. 060	1446. 4	378
400	-1. 893	-1. 902	. 317	34. 772	28. 016	30. 424	32. 803	37. 472	8. 20	. 062	1446. 8	403
425	-1. 894	-1. 904	. 335	34. 775	28. 018	30. 427	32. 805	37. 475	7. 82	. 064	1447. 2	429
450	-1. 889	-1. 900	. 359	34. 776	28. 019	30. 428	32. 806	37. 476	7. 62	. 066	1447. 7	454
475	-1. 889	-1. 901	. 378	34. 778	28. 020	30. 429	32. 808	37. 477	7. 33	. 068	1448. 1	479
500	-1. 888	-1. 901	. 398	34. 781	28. 023	30. 432	32. 810	37. 479	6. 97	. 069	1448. 5	504
550	-1. 883	-1. 897	. 442	34. 783	28. 024	30. 433	32. 812	37. 481	6. 56	. 073	1449. 4	555
600	-1. 887	-1. 903	. 476	34. 792	28. 032	30. 441	32. 819	37. 489	5. 56	. 076	1450. 2	605
650	-1. 896	-1. 914	. 505	34. 805	28. 043	30. 452	32. 831	37. 500	4. 24	. 078	1451. 0	656
700	-1. 893	-1. 912	. 548	34. 829	28. 062	30. 471	32. 849	37. 519	2. 20	. 080	1451. 9	706
737	-1. 886	-1. 907	. 583	34. 841	28. 071	30. 480	32. 858	37. 528	1. 13	. 081	1452. 5	744



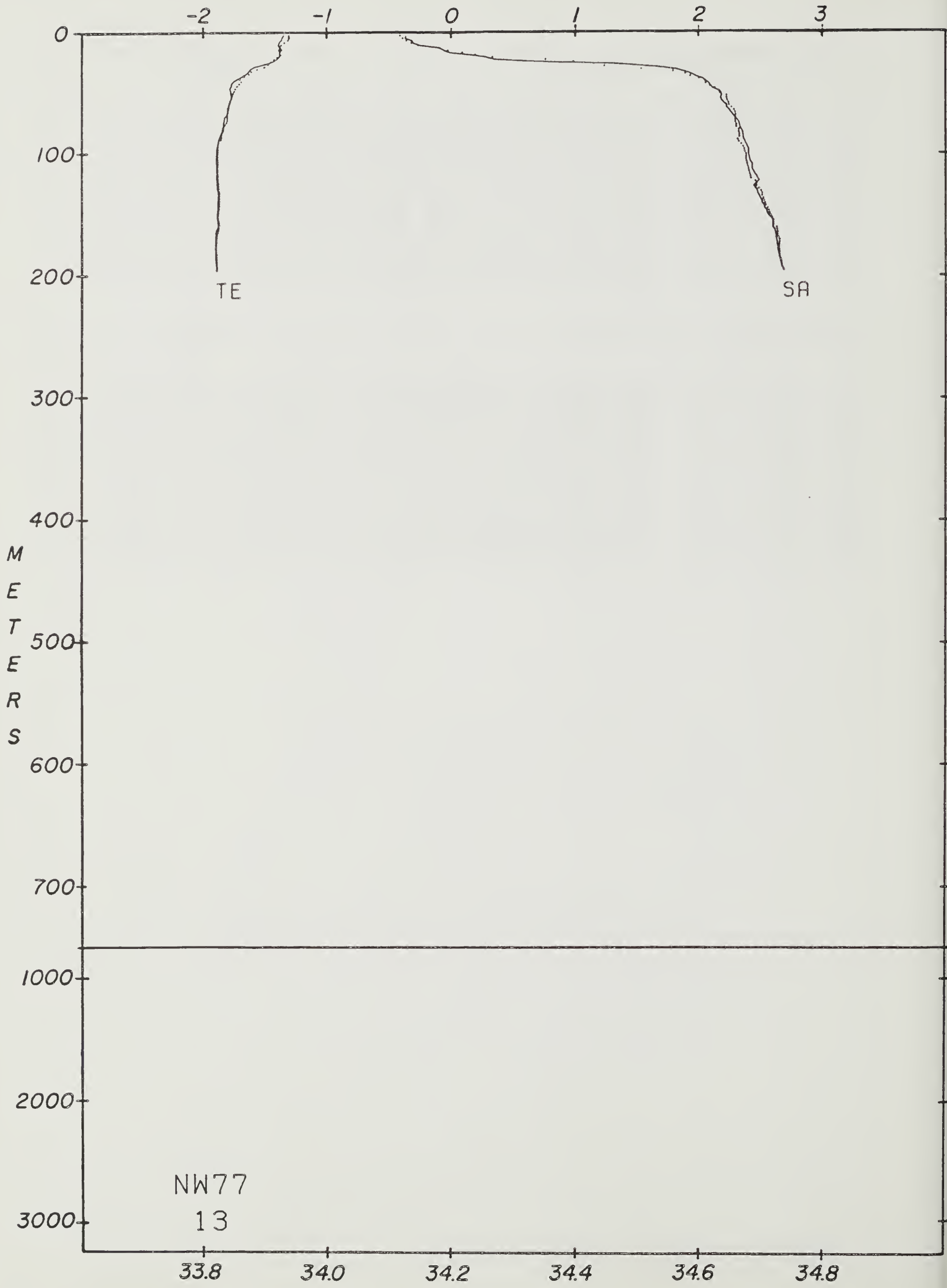


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 10.3S	167 44.8E	570	893	1007.8	90	6	-1.2	2	0	0	429	21DEC76	NW	77	1	12

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.339	-1.358	.509	34.093	27.450	29.853	32.226	36.885	64.00	0.000	1441.7	0
10	-1.473	-1.473	.406	34.165	27.512	29.917	32.291	36.953	58.09	.006	1441.5	10
20	-1.380	-1.381	.512	34.263	27.589	29.991	32.364	37.022	50.77	.012	1442.2	20
30	-1.541	-1.541	.374	34.524	27.805	30.209	32.583	37.244	30.23	.016	1442.0	30
40	-1.708	-1.709	.220	34.622	27.889	30.295	32.671	37.336	22.23	.018	1441.5	40
50	-1.779	-1.780	.159	34.651	27.915	30.322	32.699	37.366	19.75	.020	1441.4	50
60	-1.784	-1.785	.162	34.668	27.929	30.336	32.713	37.380	18.38	.022	1441.5	60
70	-1.824	-1.825	.130	34.674	27.935	30.343	32.721	37.389	17.71	.024	1441.5	71
80	-1.853	-1.855	.109	34.683	27.942	30.350	32.729	37.398	16.95	.026	1441.6	81
90	-1.875	-1.877	.095	34.686	27.946	30.354	32.733	37.402	16.55	.027	1441.6	91
100	-1.882	-1.885	.095	34.686	27.946	30.355	32.734	37.403	16.47	.029	1441.8	101
125	-1.872	-1.874	.126	34.697	27.955	30.363	32.742	37.411	15.54	.033	1442.2	126
150	-1.883	-1.887	.134	34.715	27.970	30.378	32.757	37.426	13.96	.037	1442.6	151
175	-1.894	-1.898	.143	34.731	27.982	30.391	32.770	37.440	12.61	.040	1443.0	176
196	-1.880	-1.885	.173	34.740	27.989	30.398	32.776	37.446	11.84	.043	1443.4	198

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 10.3S	167 44.5E	570	893	1007.8	90	7	-1.4	2	0	0	452	21DEC76	NW	77	2	12

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.379	-1.379	.488	34.080	27.440	29.844	32.217	36.877	64.94	0.000	1441.6	0
10	-1.391	-1.391	.488	34.152	27.499	29.902	32.276	36.935	59.32	.006	1441.8	10
20	-1.408	-1.408	.484	34.257	27.585	29.988	32.361	37.020	51.18	.012	1442.1	20
30	-1.625	-1.626	.292	34.560	27.837	30.241	32.617	37.280	27.27	.016	1441.6	30
40	-1.738	-1.739	.189	34.598	27.871	30.277	32.654	37.321	23.96	.018	1441.3	40
50	-1.782	-1.783	.154	34.628	27.896	30.304	32.681	37.348	21.48	.020	1441.3	50
60	-1.816	-1.817	.128	34.635	27.903	30.311	32.689	37.357	20.80	.023	1441.3	60
70	-1.834	-1.836	.118	34.647	27.913	30.321	32.699	37.368	19.77	.025	1441.4	71
80	-1.864	-1.866	.096	34.658	27.923	30.331	32.710	37.379	18.82	.027	1441.5	81
90	-1.880	-1.882	.089	34.663	27.927	30.336	32.715	37.385	18.30	.028	1441.6	91
100	-1.885	-1.887	.092	34.672	27.934	30.343	32.722	37.392	17.59	.030	1441.7	101
125	-1.870	-1.872	.127	34.695	27.953	30.361	32.740	37.409	15.69	.034	1442.2	126
150	-1.878	-1.881	.139	34.718	27.972	30.380	32.759	37.428	13.76	.038	1442.6	151
175	-1.896	-1.899	.141	34.728	27.980	30.389	32.768	37.437	12.81	.041	1443.0	176
195	-1.885	-1.890	.167	34.739	27.989	30.397	32.776	37.445	11.91	.044	1443.4	197

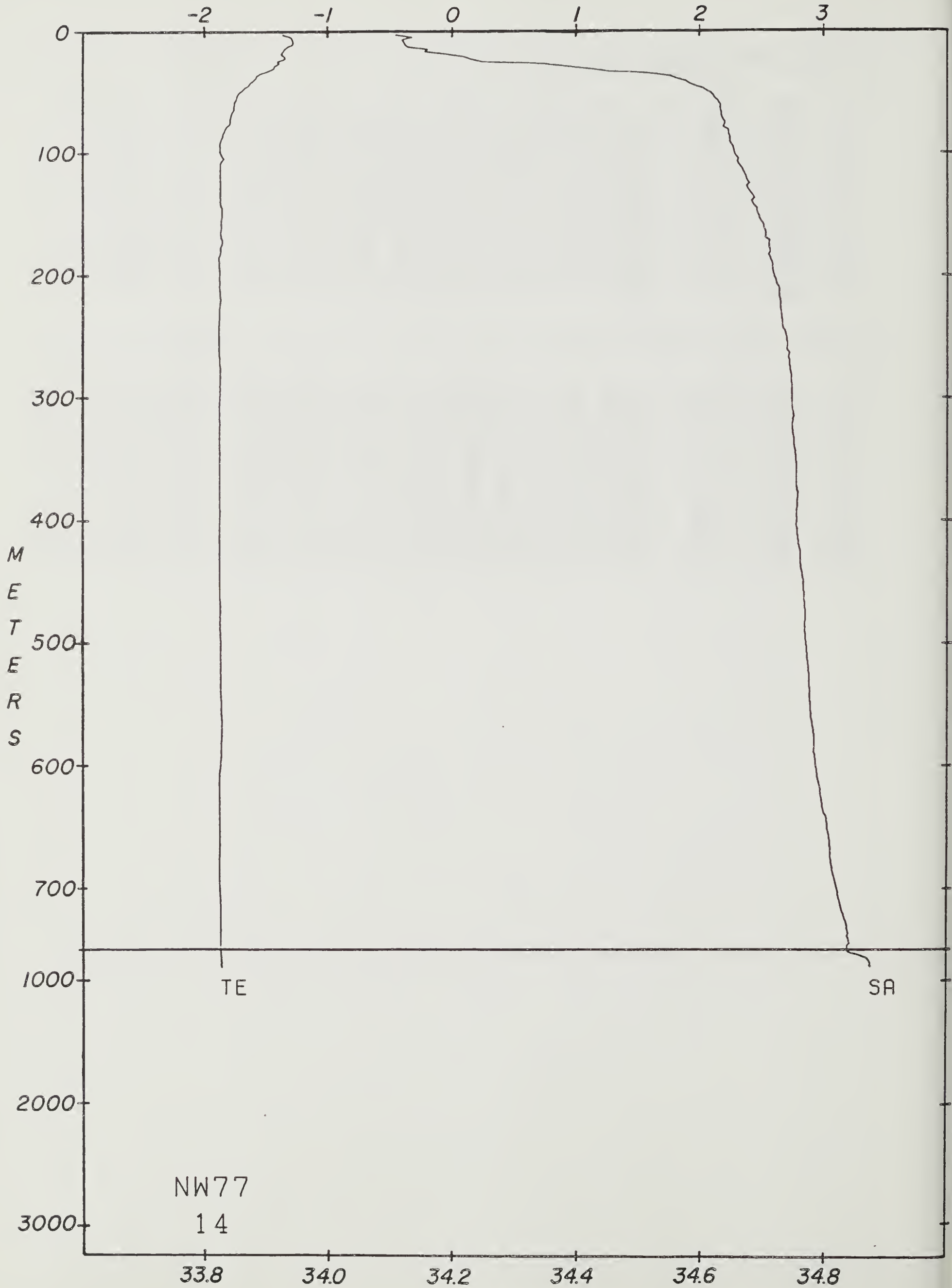


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 10.3S	167 44.5E	570	893	1007.8	90	7	-1.4	2	0	0	455	21DEC76	NW	77	1	13

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.409	-1.409	.456	34.043	27.411	29.815	32.189	36.850	67.69	0.000	1441.4	0
10	-1.397	-1.397	.482	34.157	27.504	29.907	32.280	36.940	58.91	.006	1441.8	10
20	-1.389	-1.389	.503	34.256	27.583	29.986	32.359	37.017	51.30	.012	1442.2	20
30	-1.619	-1.620	.298	34.564	27.840	30.245	32.620	37.283	26.96	.016	1441.7	30
40	-1.756	-1.757	.172	34.613	27.883	30.290	32.667	37.334	22.76	.018	1441.3	40
50	-1.776	-1.777	.160	34.638	27.904	30.311	32.688	37.355	20.77	.020	1441.4	50
60	-1.791	-1.793	.154	34.646	27.911	30.318	32.696	37.363	20.07	.022	1441.5	60
70	-1.827	-1.828	.127	34.660	27.923	30.331	32.709	37.377	18.81	.024	1441.5	71
80	-1.839	-1.841	.122	34.670	27.932	30.340	32.718	37.387	17.93	.026	1441.6	81
90	-1.881	-1.883	.088	34.677	27.938	30.347	32.726	37.395	17.29	.028	1441.6	91
100	-1.894	-1.896	.083	34.683	27.944	30.352	32.731	37.401	16.71	.030	1441.7	101
125	-1.890	-1.893	.106	34.692	27.951	30.360	32.738	37.409	15.87	.034	1442.1	126
150	-1.886	-1.890	.131	34.715	27.970	30.378	32.757	37.426	13.96	.038	1442.6	151
175	-1.903	-1.906	.134	34.729	27.981	30.390	32.769	37.439	12.69	.041	1443.0	176
195	-1.889	-1.894	.163	34.740	27.990	30.398	32.777	37.447	11.82	.043	1443.4	197

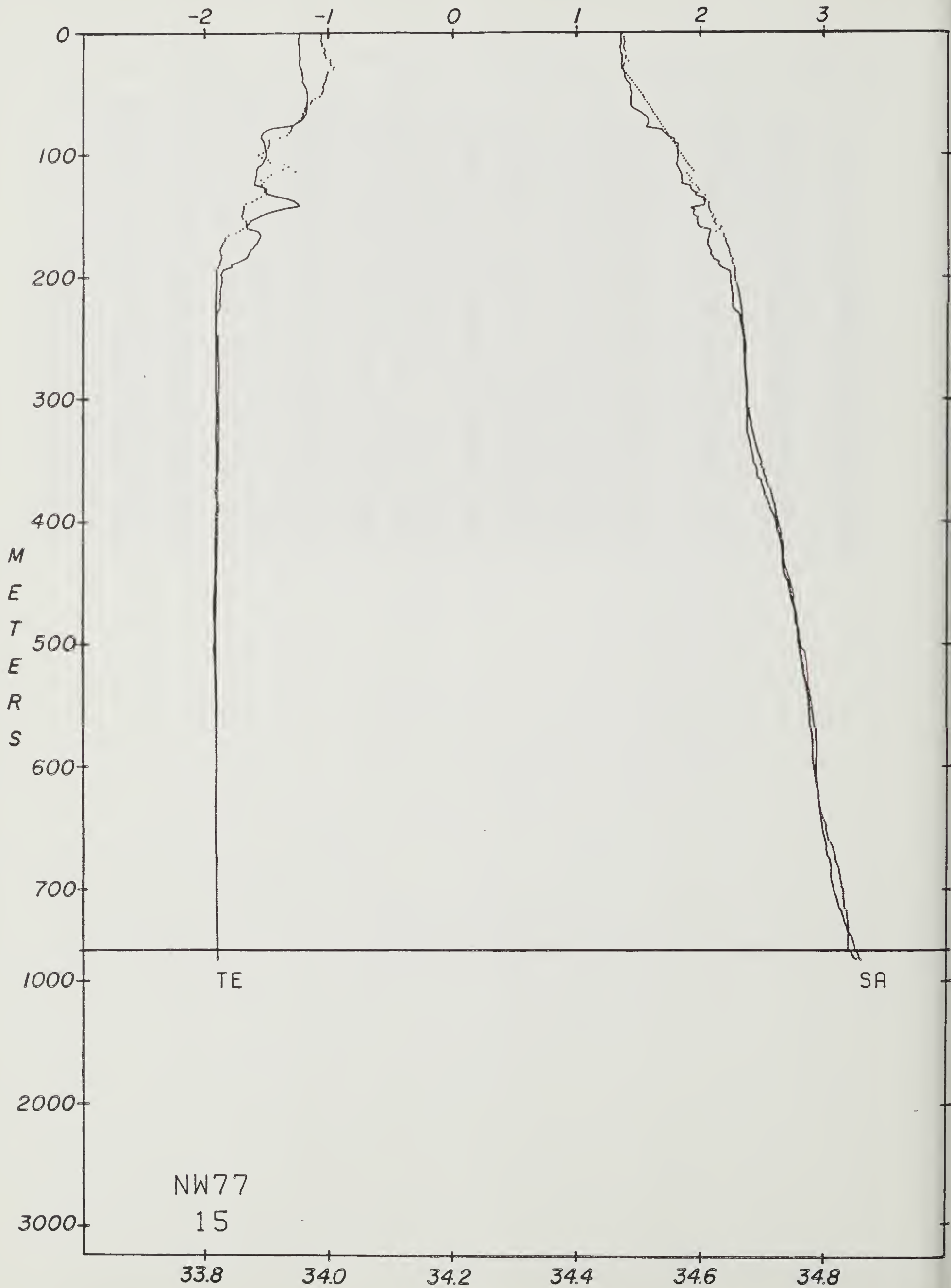
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 10.4S	167 44.4E	570	893	1007.9	90	7	-1.4	2	0	0	519	21DEC76	NW	77	2	13

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.328	-1.328	.541	34.120	27.471	29.874	32.246	36.904	62.02	0.000	1441.9	0
10	-1.370	-1.370	.509	34.154	27.500	29.903	32.276	36.935	59.22	.006	1441.9	10
20	-1.403	-1.404	.490	34.276	27.600	30.003	32.376	37.035	49.72	.012	1442.1	20
30	-1.568	-1.569	.346	34.505	27.790	30.195	32.569	37.231	31.65	.016	1441.8	30
40	-1.702	-1.703	.226	34.612	27.881	30.287	32.663	37.328	22.99	.018	1441.5	40
50	-1.760	-1.761	.177	34.638	27.904	30.311	32.688	37.354	20.76	.020	1441.4	50
60	-1.798	-1.799	.147	34.652	27.916	30.323	32.701	37.368	19.59	.023	1441.4	60
70	-1.808	-1.810	.145	34.661	27.923	30.331	32.709	37.376	18.81	.024	1441.6	71
80	-1.848	-1.850	.113	34.666	27.929	30.337	32.716	37.384	18.22	.026	1441.6	81
90	-1.877	-1.879	.092	34.666	27.930	30.338	32.717	37.387	18.09	.028	1441.6	91
100	-1.886	-1.888	.091	34.678	27.939	30.348	32.727	37.397	17.11	.030	1441.7	101
125	-1.880	-1.882	.117	34.696	27.954	30.362	32.741	37.411	15.60	.034	1442.2	126
150	-1.885	-1.888	.133	34.719	27.973	30.381	32.760	37.430	13.66	.039	1442.6	151
175	-1.899	-1.903	.138	34.732	27.983	30.392	32.771	37.441	12.52	.041	1443.0	176
195	-1.891	-1.896	.161	34.740	27.990	30.398	32.777	37.447	11.81	.043	1443.4	197



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 10.4S	167 44.4E	570	893	1007.9	90	8	-1.4	2	0	0	521	21DEC76	NW	77	1	14

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.399	-1.399	.464	34.025	27.396	29.800	32.174	36.835	69.10	0.000	1441.4	0
10	-1.295	-1.296	.581	34.124	27.474	29.876	32.248	36.904	61.73	.007	1442.2	10
20	-1.364	-1.365	.526	34.218	27.552	29.954	32.327	36.985	54.31	.012	1442.2	20
30	-1.451	-1.452	.459	34.430	27.726	30.129	32.502	37.161	37.72	.017	1442.3	30
40	-1.612	-1.613	.314	34.579	27.852	30.257	32.632	37.294	25.78	.020	1441.9	40
50	-1.725	-1.727	.210	34.619	27.888	30.294	32.671	37.336	22.32	.023	1441.6	50
60	-1.763	-1.764	.181	34.634	27.901	30.308	32.685	37.351	21.03	.025	1441.6	60
70	-1.793	-1.794	.159	34.637	27.904	30.311	32.688	37.356	20.68	.027	1441.6	71
80	-1.842	-1.843	.118	34.645	27.912	30.320	32.698	37.367	19.83	.029	1441.6	81
90	-1.875	-1.877	.093	34.650	27.916	30.325	32.704	37.374	19.33	.031	1441.6	91
100	-1.870	-1.873	.105	34.658	27.923	30.332	32.710	37.380	18.67	.033	1441.8	101
125	-1.874	-1.877	.122	34.679	27.940	30.349	32.727	37.397	16.88	.037	1442.2	126
150	-1.860	-1.864	.156	34.696	27.953	30.362	32.740	37.409	15.50	.041	1442.7	151
175	-1.867	-1.871	.169	34.713	27.967	30.375	32.754	37.423	14.05	.045	1443.1	176
200	-1.880	-1.885	.175	34.722	27.975	30.383	32.762	37.431	13.20	.048	1443.5	202
225	-1.879	-1.884	.196	34.732	27.983	30.391	32.770	37.439	12.28	.051	1443.9	227
250	-1.884	-1.890	.210	34.741	27.991	30.399	32.778	37.447	11.39	.054	1444.3	252
275	-1.875	-1.881	.239	34.747	27.995	30.403	32.782	37.451	10.87	.057	1444.8	277
300	-1.880	-1.887	.253	34.750	27.997	30.406	32.784	37.454	10.48	.060	1445.2	302
325	-1.881	-1.889	.270	34.750	27.998	30.407	32.785	37.455	10.29	.062	1445.6	328
350	-1.881	-1.889	.291	34.756	28.002	30.411	32.789	37.459	9.73	.065	1446.0	353
375	-1.879	-1.888	.311	34.758	28.004	30.413	32.791	37.461	9.43	.067	1446.4	378
400	-1.881	-1.891	.328	34.756	28.003	30.411	32.790	37.459	9.41	.070	1446.8	403
425	-1.883	-1.893	.346	34.763	28.008	30.417	32.795	37.465	8.78	.072	1447.2	429
450	-1.881	-1.893	.366	34.768	28.012	30.421	32.799	37.468	8.26	.074	1447.7	454
475	-1.879	-1.890	.388	34.771	28.014	30.423	32.801	37.471	7.91	.076	1448.1	479
500	-1.876	-1.888	.411	34.772	28.015	30.424	32.802	37.472	7.69	.078	1448.5	504
550	-1.870	-1.884	.455	34.779	28.021	30.429	32.808	37.477	6.92	.082	1449.4	555
600	-1.878	-1.893	.485	34.788	28.028	30.437	32.815	37.485	5.92	.085	1450.2	603
650	-1.883	-1.900	.519	34.806	28.043	30.452	32.830	37.499	4.24	.087	1451.1	656
700	-1.884	-1.903	.557	34.822	28.056	30.465	32.843	37.512	2.77	.089	1451.9	706
750	-1.876	-1.897	.603	34.839	28.070	30.478	32.856	37.525	1.26	.090	1452.8	757
800	-1.876	-1.898	.644	34.868	28.093	30.502	32.880	37.548	-1.21	.090	1453.7	808
850	-1.873	-1.897	.685	34.875	28.099	30.508	32.885	37.554	-1.98	.089	1454.6	858
881	-1.870	-1.896	.711	34.876	28.099	30.508	32.886	37.555	-2.20	.089	1455.1	889



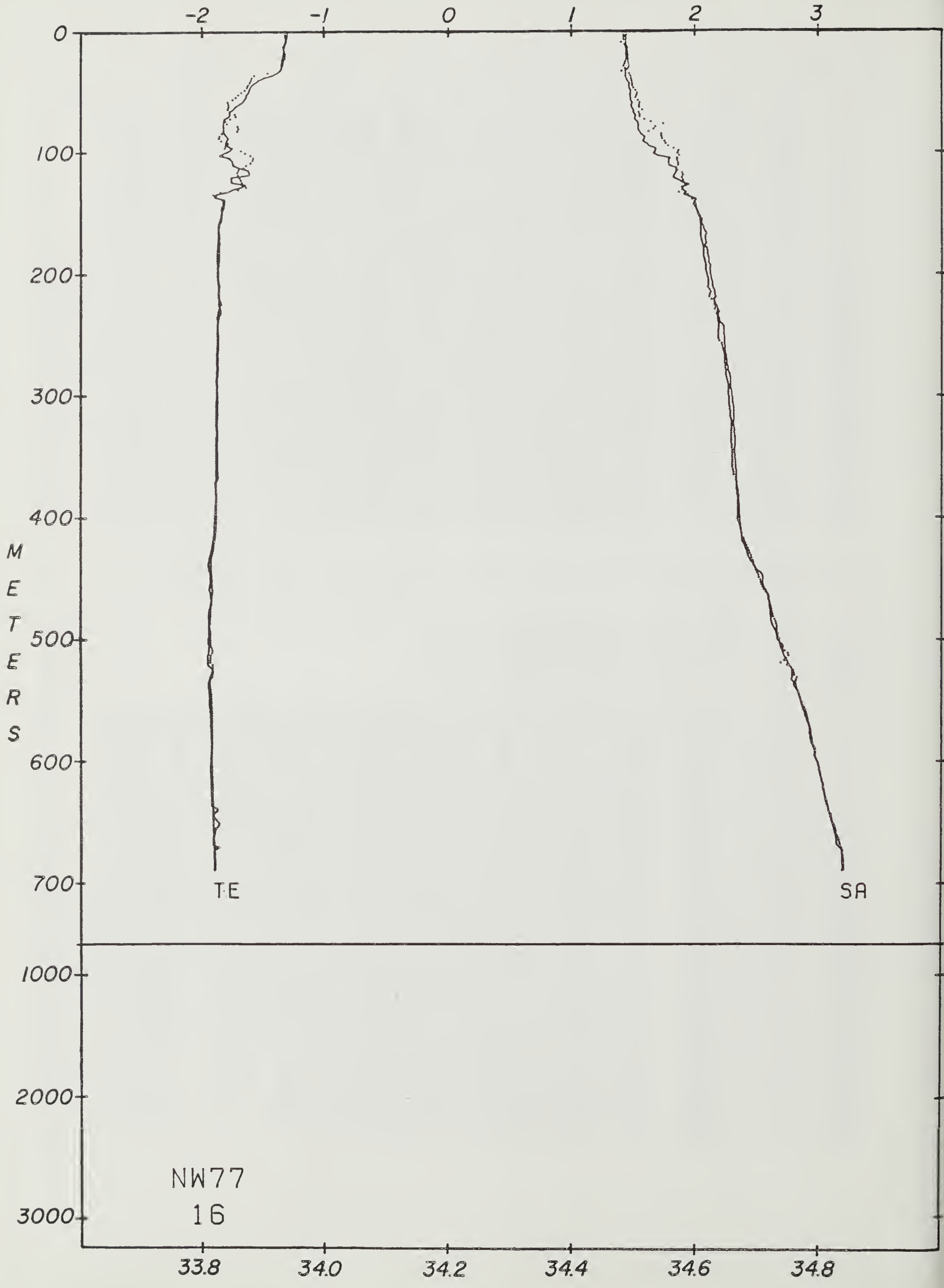
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 14.6S	170 19.7E	570	834	1009.4	160	10	-5.6	0	450	0	1055	21DEC76	NW	77	1	15	

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.231	-1.231	.659	34.481	27.760	30.159	32.529	37.181	34.64	0.000	1442.9	0
10	-1.238	-1.239	.659	34.472	27.754	30.153	32.523	37.175	35.22	.003	1443.0	10
20	-1.231	-1.232	.673	34.475	27.755	30.155	32.524	37.176	35.02	.007	1443.2	20
30	-1.220	-1.221	.692	34.475	27.756	30.155	32.524	37.175	34.95	.011	1443.4	30
40	-1.209	-1.210	.711	34.481	27.760	30.159	32.528	37.179	34.48	.014	1443.6	40
50	-1.172	-1.173	.757	34.490	27.766	30.164	32.532	37.182	33.95	.017	1444.0	50
60	-1.176	-1.177	.760	34.488	27.764	30.163	32.531	37.181	34.01	.021	1444.1	60
70	-1.202	-1.204	.743	34.515	27.787	30.186	32.555	37.205	31.82	.024	1444.2	71
80	-1.507	-1.509	.447	34.533	27.812	30.215	32.588	37.248	29.38	.027	1443.0	81
90	-1.518	-1.520	.444	34.560	27.833	30.237	32.610	37.270	27.28	.030	1443.1	91
100	-1.504	-1.506	.467	34.565	27.837	30.240	32.614	37.273	26.88	.033	1443.4	101
125	-1.574	-1.577	.416	34.576	27.848	30.253	32.627	37.288	25.68	.039	1443.5	126
150	-1.548	-1.552	.462	34.591	27.860	30.264	32.638	37.298	24.46	.046	1444.0	151
175	-1.605	-1.609	.425	34.613	27.879	30.284	32.659	37.321	22.46	.051	1444.2	176
200	-1.862	-1.867	.189	34.650	27.916	30.324	32.703	37.372	18.76	.057	1443.4	202
225	-1.878	-1.883	.192	34.654	27.920	30.329	32.708	37.378	18.21	.061	1443.8	227
250	-1.912	-1.917	.179	34.671	27.935	30.344	32.723	37.394	16.66	.066	1444.1	252
275	-1.912	-1.918	.198	34.674	27.937	30.346	32.725	37.396	16.33	.070	1444.5	277
300	-1.908	-1.915	.220	34.676	27.938	30.348	32.727	37.398	16.01	.074	1444.9	302
325	-1.912	-1.920	.236	34.677	27.939	30.348	32.728	37.399	15.81	.078	1445.3	328
350	-1.908	-1.917	.259	34.687	27.947	30.356	32.736	37.406	14.91	.082	1445.8	353
375	-1.897	-1.906	.290	34.704	27.961	30.370	32.749	37.419	13.46	.085	1446.3	378
400	-1.899	-1.909	.308	34.724	27.977	30.386	32.765	37.435	11.83	.088	1446.7	403
425	-1.905	-1.916	.322	34.734	27.985	30.394	32.773	37.444	10.91	.091	1447.1	429
450	-1.912	-1.923	.334	34.743	27.993	30.402	32.781	37.452	10.01	.094	1447.5	454
475	-1.916	-1.928	.350	34.755	28.002	30.411	32.791	37.461	8.98	.096	1447.9	479
500	-1.929	-1.941	.357	34.764	28.010	30.420	32.799	37.470	8.11	.098	1448.3	504
550	-1.908	-1.922	.417	34.781	28.024	30.433	32.812	37.482	6.57	.102	1449.2	555
600	-1.906	-1.922	.456	34.788	28.029	30.438	32.817	37.487	5.81	.105	1450.1	605
650	-1.912	-1.929	.490	34.799	28.038	30.447	32.826	37.496	4.67	.108	1450.9	656
700	-1.913	-1.932	.527	34.817	28.053	30.462	32.841	37.511	3.00	.109	1451.8	706
750	-1.900	-1.921	.580	34.852	28.081	30.490	32.868	37.538	.16	.110	1452.7	757
800	-1.905	-1.927	.614	34.857	28.085	30.494	32.873	37.542	-.51	.110	1453.5	808
832	-1.905	-1.929	.638	34.861	28.088	30.498	32.876	37.546	-.98	.110	1454.1	840

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 13.5S	170 15.5E	570	834	1009.5	150	10	-6.3	0	1000	0	1207	21DEC76	NW	77	2	15	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.06	-1.06	0.83	34.486	27.76	30.16						C7	2	15
113	-1.30	-1.30	0.68	34.588	27.85	30.25							2	15
242	-1.91	-1.92	0.17	34.663	27.93	30.34						C7	2	15
481	-1.91	-1.92	0.36	34.754	28.00	30.41							2	15
720	-1.91	-1.93	0.55	34.825	28.06	30.47						C7	2	15
831	-1.90	-1.92	0.64	34.850	28.08	30.49							2	15

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.063	-1.063	.926	34.478	27.752	30.149	32.516	37.162	35.42	0.000	1443.7	0
10	-1.047	-1.047	.850	34.478	27.752	30.149	32.515	37.161	35.39	.004	1443.9	10
20	-1.010	-1.010	.895	34.479	27.751	30.147	32.513	37.158	35.42	.007	1444.2	20
30	-1.965	-1.966	.947	34.475	27.746	30.141	32.507	37.150	35.88	.011	1444.6	30
40	-1.028	-1.029	.893	34.490	27.761	30.157	32.523	37.169	34.45	.014	1444.5	40
50	-1.056	-1.057	.873	34.504	27.773	30.170	32.537	37.183	33.21	.018	1444.6	50
60	-1.176	-1.178	.761	34.518	27.789	30.187	32.555	37.205	31.72	.021	1444.2	60
70	-1.221	-1.223	.725	34.531	27.800	30.199	32.569	37.219	30.56	.024	1444.1	71
80	-1.306	-1.308	.648	34.543	27.814	30.214	32.584	37.238	29.24	.027	1443.9	81
90	-1.480	-1.482	.483	34.557	27.830	30.233	32.606	37.265	27.61	.030	1443.3	91
100	-1.552	-1.554	.419	34.570	27.843	30.247	32.621	37.282	26.34	.032	1443.1	101
125	-1.538	-1.541	.453	34.589	27.858	30.262	32.635	37.295	24.78	.039	1443.7	126
150	-1.696	-1.699	.316	34.620	27.887	30.292	32.670	37.334	21.81	.045	1443.4	151
175	-1.867	-1.871	.165	34.645	27.912	30.320	32.699	37.369	19.28	.050	1443.0	176
200	-1.905	-1.910	.146	34.657	27.923	30.332	32.711	37.382	18.07	.054	1443.3	202
225	-1.913	-1.918	.158	34.668	27.932	30.341	32.720	37.391	17.07	.059	1443.6	227
250	-1.894	-1.899	.197	34.673	27.936	30.344	32.724	37.394	16.59	.063	1444.2	252
275	-1.889	-1.895	.221	34.674	27.936	30.345	32.724	37.394	16.40	.067	1444.6	277
300	-1.897	-1.904	.232	34.677	27.939	30.348	32.727	37.397	16.00	.071	1445.0	302
325	-1.893	-1.900	.256	34.685	27.945	30.354	32.733	37.404	15.24	.075	1445.4	328
350	-1.894	-1.903	.274	34.700	27.957	30.366	32.745	37.416	13.97	.079	1445.9	353
375	-1.918	-1.927	.270	34.715	27.971	30.380	32.759	37.430	12.54	.082	1446.2	378
400	-1.915	-1.925	.292	34.727	27.980	30.389	32.768	37.439	11.52	.085	1446.6	403
425	-1.919	-1.930	.308	34.736	27.987	30.396	32.776	37.446	10.70	.088	1447.0	429
450	-1.923	-1.934	.323	34.746	27.996	30.405	32.784	37.455	9.73	.090	1447.4	454
475	-1.932	-1.943	.335	34.756	28.004	30.414	32.793	37.464	8.80	.093	1447.8	479
500	-1.921	-1.933	.365	34.761	28.007	30.417	32.796	37.467	8.36	.095	1448.3	504
550	-1.913	-1.927	.411	34.777	28.020	30.430	32.809	37.479	6.89	.099	1449.2	555
600	-1.911	-1.927	.451	34.785	28.027	30.436	32.815	37.485	6.02	.102	1450.1	605
650	-1.919	-1.936	.483	34.805	28.043	30.452	32.831	37.502	4.19	.104	1450.9	656
700	-1.911	-1.930	.530	34.831	28.064	30.473	32.852	37.522	1.95	.106	1451.8	706
750	-1.907	-1.928	.573	34.840	28.071	30.480	32.859	37.529	1.03	.107	1452.7	757
800	-1.905	-1.928	.613	34.848	28.078	30.487	32.866	37.535	.15	.107	1453.5	808
826	-1.904	-1.928	.634	34.853	28.082	30.491	32.869	37.539	-.34	.107	1454.0	834



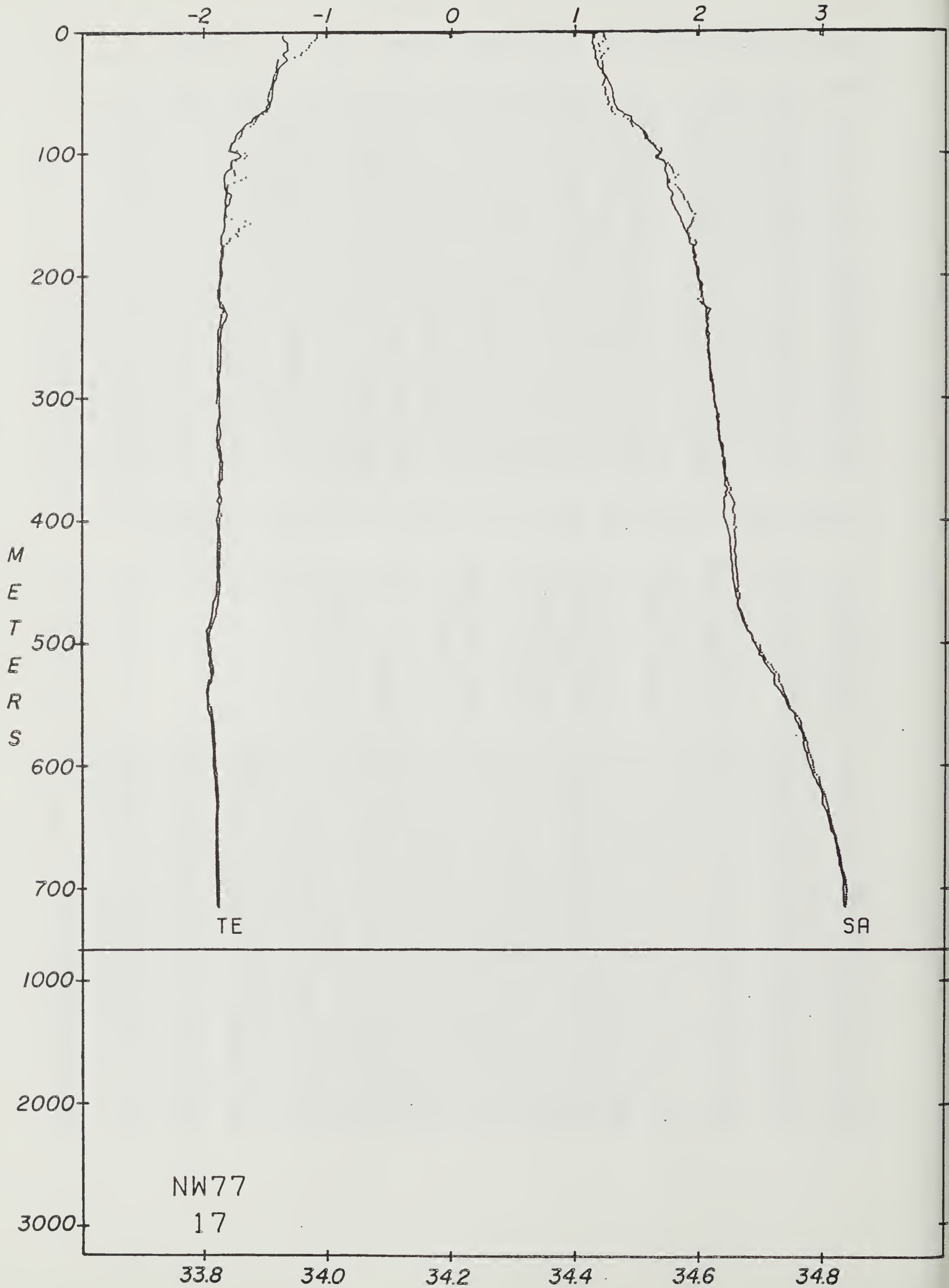
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 21.1S	172 12.3E	570	693	1009.3	160	12	-6.9	0	250	0	1426	21DEC76	NW	77	1	16

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.314	-1.314	.575	34.468	27.753	30.153	32.524	37.178	35.38	0.000	1442.5	0
10	-1.324	-1.324	.574	34.489	27.770	30.171	32.542	37.196	33.66	.003	1442.6	10
20	-1.345	-1.346	.560	34.492	27.773	30.174	32.545	37.200	33.35	.007	1442.7	20
30	-1.357	-1.357	.556	34.492	27.773	30.174	32.546	37.201	33.28	.010	1442.8	30
40	-1.545	-1.546	.376	34.492	27.779	30.184	32.558	37.219	32.63	.013	1442.1	40
50	-1.629	-1.630	.300	34.495	27.785	30.190	32.566	37.229	32.08	.017	1441.9	50
60	-1.706	-1.707	.231	34.497	27.788	30.195	32.572	37.238	31.66	.020	1441.7	60
70	-1.790	-1.791	.154	34.502	27.794	30.202	32.580	37.249	31.02	.023	1441.4	71
80	-1.830	-1.831	.123	34.508	27.800	30.208	32.587	37.256	30.43	.026	1441.4	81
90	-1.804	-1.806	.156	34.517	27.807	30.215	32.593	37.262	29.72	.029	1441.7	91
100	-1.821	-1.823	.148	34.534	27.821	30.230	32.608	37.277	28.29	.032	1441.8	101
125	-1.704	-1.707	.287	34.586	27.860	30.267	32.643	37.308	24.50	.039	1442.9	126
150	-1.846	-1.849	.165	34.607	27.881	30.289	32.668	37.337	22.38	.044	1442.6	151
175	-1.861	-1.864	.170	34.618	27.890	30.299	32.677	37.347	21.35	.050	1443.0	176
200	-1.877	-1.882	.173	34.626	27.897	30.306	32.685	37.355	20.54	.055	1443.3	202
225	-1.865	-1.870	.205	34.636	27.904	30.313	32.692	37.362	19.68	.060	1443.8	227
250	-1.870	-1.876	.219	34.649	27.915	30.324	32.703	37.373	18.52	.065	1444.2	252
275	-1.876	-1.882	.233	34.654	27.920	30.329	32.707	37.377	17.95	.069	1444.6	277
300	-1.879	-1.886	.249	34.662	27.926	30.335	32.714	37.384	17.21	.074	1445.0	302
325	-1.880	-1.888	.267	34.664	27.928	30.337	32.716	37.386	16.88	.078	1445.5	328
350	-1.878	-1.887	.288	34.666	27.929	30.338	32.717	37.387	16.59	.082	1445.9	353
375	-1.894	-1.903	.291	34.670	27.933	30.343	32.721	37.392	16.09	.086	1446.2	378
400	-1.900	-1.910	.304	34.674	27.936	30.346	32.725	37.395	15.64	.090	1446.6	403
425	-1.928	-1.938	.296	34.684	27.945	30.355	32.734	37.406	14.64	.094	1446.9	429
450	-1.936	-1.947	.309	34.711	27.967	30.377	32.757	37.428	12.40	.098	1447.3	454
475	-1.948	-1.959	.316	34.723	27.977	30.387	32.767	37.439	11.30	.101	1447.7	479
500	-1.957	-1.969	.327	34.737	27.989	30.399	32.779	37.451	10.05	.103	1448.1	504
550	-1.944	-1.958	.380	34.772	28.017	30.427	32.807	37.478	7.10	.107	1449.1	555
600	-1.932	-1.948	.431	34.799	28.039	30.449	32.828	37.498	4.81	.110	1450.0	605
650	-1.865	-1.882	.538	34.824	28.057	30.466	32.844	37.512	2.97	.112	1451.2	656
689	-1.903	-1.922	.530	34.839	28.070	30.479	32.858	37.527	1.47	.113	1451.7	695

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 20.9S	172 15.9E	570	693	1009.2	150	19	-6.1	0	0	0	1555	21DEC76	NW	77	2	16

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.32	-1.32	0.57	34.489	27.77	30.17	9.10	68	1.62			C7	2	16
25	-1.34	-1.34	0.57	34.487	27.77	30.17	7.77	68	1.46			C7	2	16
54	-1.73	-1.73	0.20	34.504	27.79	30.20		69	1.87			C7	2	16
108	-1.61	-1.61	0.37	34.580	27.85	30.26	6.40	73	2.06				2	16
133	-1.90	-1.90	0.10	34.586	27.87	30.27	6.64	71	2.11			C7	2	16
200	-1.86	-1.86	0.19	34.623	27.89	30.30	6.61	66	2.15				2	16
249	-1.88	-1.89	0.21	34.652	27.92	30.33	6.64	69	2.17			C7	2	16
299	-1.87	-1.88	0.26	34.672	27.93	30.34	6.58	67	2.15				2	16
368	-1.89	-1.90	0.29	34.668	27.93	30.34	6.62	66	2.17			C7	2	16
497	-1.93	-1.94	0.35	34.737	27.99	30.40	6.59	71	2.19				2	16
596	-1.93	-1.95	0.43	34.796	28.04	30.45	6.52	71	2.09			C7	2	16
692	-1.91	-1.93	0.53	34.841	28.07	30.48	6.42	75	2.17				2	16

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.329	-1.328	.562	34.486	27.768	30.169	32.539	37.194	33.95	0.000	1442.4	0
10	-1.332	-1.332	.566	34.486	27.768	30.169	32.540	37.194	33.87	.003	1442.6	10
20	-1.326	-1.326	.579	34.489	27.770	30.171	32.542	37.196	33.64	.007	1442.8	20
30	-1.358	-1.359	.555	34.485	27.768	30.169	32.540	37.196	33.80	.010	1442.8	30
40	-1.609	-1.610	.312	34.498	27.786	30.191	32.567	37.230	31.99	.013	1441.8	40
50	-1.687	-1.688	.242	34.506	27.795	30.201	32.578	37.243	31.09	.017	1441.6	50
60	-1.790	-1.791	.147	34.509	27.800	30.208	32.586	37.255	30.51	.020	1441.3	60
70	-1.737	-1.739	.208	34.512	27.801	30.208	32.585	37.252	30.39	.023	1441.7	71
80	-1.710	-1.712	.243	34.531	27.815	30.222	32.599	37.264	28.98	.026	1442.0	81
90	-1.837	-1.839	.124	34.549	27.834	30.242	32.621	37.290	27.18	.028	1441.6	91
100	-1.649	-1.651	.322	34.573	27.848	30.253	32.629	37.292	25.84	.031	1442.7	101
125	-1.649	-1.672	.321	34.583	27.856	30.262	32.638	37.302	24.87	.037	1443.0	126
150	-1.846	-1.849	.165	34.606	27.880	30.288	32.667	37.336	22.46	.043	1442.6	151
175	-1.876	-1.879	.155	34.613	27.887	30.296	32.675	37.345	21.65	.049	1442.9	176
200	-1.871	-1.876	.178	34.621	27.893	30.302	32.681	37.351	20.92	.054	1443.4	202
225	-1.855	-1.860	.214	34.633	27.903	30.311	32.690	37.359	19.87	.059	1443.9	227
250	-1.881	-1.887	.208	34.639	27.907	30.316	32.696	37.365	19.25	.064	1444.2	252
275	-1.862	-1.888	.226	34.651	27.917	30.326	32.705	37.375	18.18	.069	1444.6	277
300	-1.886	-1.892	.242	34.657	27.922	30.331	32.710	37.380	17.57	.073	1445.0	302
325	-1.888	-1.896	.258	34.661	27.925	30.334	32.713	37.384	17.11	.078	1445.4	328
350	-1.990	-1.898	.276	34.662	27.926	30.335	32.714	37.385	16.88	.082	1445.8	353
375	-1.889	-1.898	.296	34.669	27.932	30.341	32.720	37.390	16.20	.086	1446.3	378
400	-1.889	-1.898	.316	34.670	27.933	30.342	32.721	37.391	15.98	.090	1446.7	403
425	-1.913	-1.924	.311	34.688	27.948	30.357	32.737	37.408	14.38	.094	1447.0	429
450	-1.924	-1.935	.321	34.706	27.963	30.373	32.752	37.423	12.80	.097	1447.4	454
475	-1.939	-1.950	.326	34.725	27.979	30.389	32.768	37.440	11.14	.100	1447.8	479
500	-1.938	-1.951	.346	34.738	27.989	30.399	32.779	37.450	10.04	.103	1448.2	504
550	-1.927	-1.941	.397	34.774	28.019	30.428	32.807	37.478	7.02	.107	1449.1	555
600	-1.925	-1.940	.439	34.801	28.040	30.449	32.828	37.499	4.75	.110	1450.0	605
650	-1.912	-1.930	.491	34.826	28.060	30.469	32.848	37.518	2.62	.112	1450.9	656
688	-1.897	-1.916	.536	34.842	28.073	30.481	32.860	37.529	1.27	.113	1451.7	694



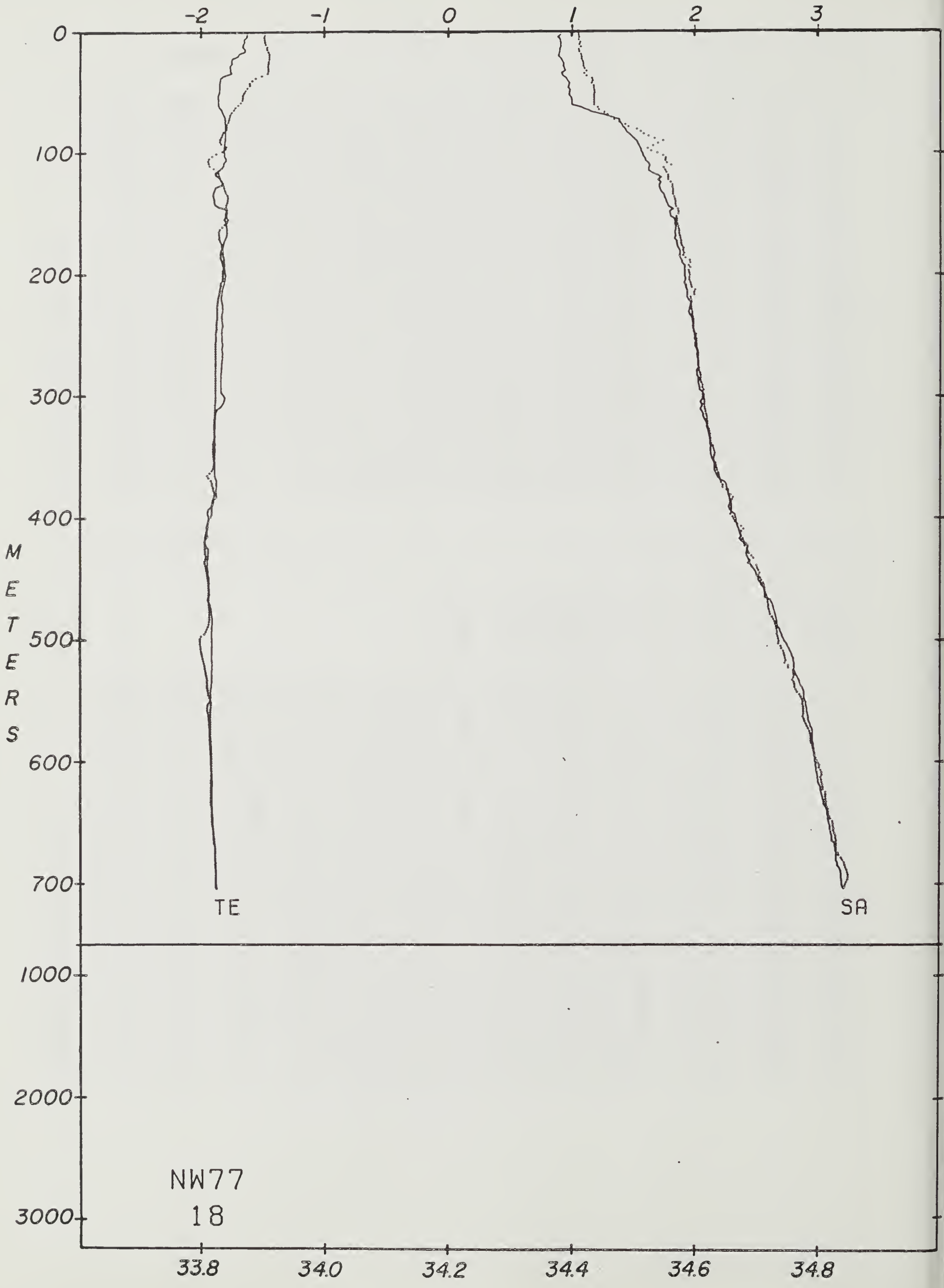
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMCNYR	SH	CR	M	STN
77 27.1S	174 18.2E	570	715	1009.0	140	11	-7.3	0	400	0	1832	21DEC76	NW	77	1	17

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.341	-1.341	.545	34.432	27.724	30.125	32.497	37.152	38.05	0.000	1442.3	0
10	-1.311	-1.312	.583	34.433	27.724	30.125	32.496	37.150	38.02	.004	1442.6	10
20	-1.324	-1.325	.578	34.437	27.728	30.129	32.500	37.155	37.59	.008	1442.7	20
30	-1.385	-1.386	.525	34.448	27.739	30.141	32.512	37.169	36.55	.011	1442.6	30
40	-1.422	-1.423	.497	34.459	27.749	30.151	32.523	37.181	35.54	.015	1442.6	40
50	-1.438	-1.439	.489	34.465	27.754	30.157	32.529	37.187	34.99	.018	1442.7	50
60	-1.460	-1.461	.475	34.470	27.759	30.162	32.535	37.194	34.45	.022	1442.8	60
70	-1.597	-1.598	.347	34.493	27.782	30.187	32.562	37.225	32.24	.025	1442.3	71
80	-1.706	-1.707	.247	34.516	27.803	30.210	32.586	37.252	30.15	.028	1442.0	81
90	-1.763	-1.765	.198	34.527	27.814	30.221	32.598	37.266	29.09	.031	1441.9	91
100	-1.693	-1.695	.276	34.536	27.819	30.226	32.602	37.267	28.52	.034	1442.4	101
125	-1.823	-1.826	.165	34.553	27.837	30.245	32.623	37.292	26.69	.041	1442.3	126
150	-1.825	-1.829	.184	34.574	27.853	30.262	32.640	37.309	24.97	.048	1442.7	151
175	-1.839	-1.843	.190	34.595	27.871	30.279	32.658	37.327	23.15	.054	1443.1	176
200	-1.849	-1.854	.199	34.603	27.877	30.286	32.665	37.334	22.39	.059	1443.4	202
225	-1.847	-1.852	.221	34.618	27.890	30.298	32.677	37.346	21.07	.065	1443.9	227
250	-1.859	-1.865	.228	34.619	27.891	30.300	32.679	37.348	20.80	.070	1444.2	252
275	-1.860	-1.867	.246	34.622	27.893	30.302	32.681	37.350	20.47	.075	1444.7	277
300	-1.867	-1.874	.259	34.628	27.899	30.308	32.686	37.356	19.79	.080	1445.1	302
325	-1.857	-1.865	.288	34.636	27.905	30.313	32.692	37.361	19.09	.085	1445.5	328
350	-1.842	-1.850	.323	34.643	27.910	30.318	32.697	37.366	18.47	.090	1446.0	353
375	-1.870	-1.879	.314	34.647	27.913	30.322	32.701	37.371	17.96	.094	1446.3	378
400	-1.885	-1.895	.318	34.647	27.914	30.323	32.702	37.373	17.75	.099	1446.7	403
425	-1.885	-1.895	.337	34.655	27.921	30.330	32.709	37.380	16.95	.103	1447.1	429
450	-1.890	-1.901	.352	34.660	27.925	30.334	32.713	37.384	16.40	.107	1447.5	454
475	-1.931	-1.942	.330	34.672	27.936	30.346	32.726	37.397	15.19	.111	1447.7	479
500	-1.960	-1.972	.322	34.696	27.956	30.366	32.746	37.418	13.16	.115	1448.0	504
550	-1.963	-1.977	.359	34.748	27.998	30.408	32.788	37.460	8.90	.120	1448.9	555
600	-1.913	-1.928	.450	34.784	28.026	30.436	32.815	37.485	6.06	.124	1450.1	605
650	-1.896	-1.913	.507	34.816	28.052	30.460	32.839	37.508	3.44	.126	1451.0	656
700	-1.889	-1.909	.552	34.836	28.068	30.477	32.855	37.524	1.67	.128	1451.9	706
713	-1.885	-1.905	.566	34.838	28.069	30.478	32.856	37.525	1.49	.128	1452.1	720

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMCNYR	SH	CR	M	STN
77 27.1S	174 11.9E	570	715	1009.1	140	12	-7.3	0	0	0	1927	21DEC76	NW	77	2	17

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.07	-1.07	0.82	34.451	27.73	30.13						C7	2	17
21	-1.40	-1.40	0.50	34.446	27.74	30.14							2	17
62	-1.49	-1.49	0.45	34.459	27.75	30.15						C7	2	17
296	-1.88	-1.89	0.24	34.628	27.90	30.31						C7	2	17
487	-1.93	-1.94	0.34	34.679	27.94	30.35							2	17
714	-1.88	-1.90	0.57	34.838	28.07	30.48						C7	2	17

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.073	-1.073	.814	34.446	27.727	30.123	32.491	37.138	37.84	0.000	1443.6	0
10	-1.138	-1.138	.757	34.444	27.728	30.126	32.494	37.143	37.70	.004	1443.4	10
20	-1.284	-1.284	.619	34.445	27.733	30.133	32.504	37.157	37.14	.008	1442.9	20
30	-1.405	-1.406	.505	34.448	27.740	30.142	32.514	37.171	36.46	.011	1442.5	30
40	-1.436	-1.437	.482	34.450	27.742	30.144	32.517	37.175	36.20	.015	1442.5	40
50	-1.468	-1.469	.459	34.453	27.746	30.149	32.522	37.181	35.78	.018	1442.6	50
60	-1.483	-1.484	.451	34.460	27.752	30.155	32.528	37.188	35.16	.022	1442.7	60
70	-1.567	-1.568	.377	34.488	27.777	30.181	32.556	37.218	32.73	.025	1442.5	71
80	-1.682	-1.684	.270	34.513	27.800	30.207	32.583	37.248	30.40	.029	1442.1	81
90	-1.766	-1.768	.195	34.530	27.816	30.224	32.601	37.269	28.84	.031	1441.9	91
100	-1.649	-1.651	.320	34.538	27.820	30.226	32.601	37.265	28.45	.034	1442.6	101
125	-1.802	-1.805	.188	34.568	27.848	30.256	32.634	37.302	25.64	.041	1442.4	126
150	-1.905	-1.808	.205	34.590	27.866	30.274	32.652	37.320	23.75	.047	1442.8	151
175	-1.839	-1.843	.191	34.596	27.872	30.280	32.659	37.328	23.07	.053	1443.1	176
200	-1.862	-1.867	.186	34.601	27.877	30.285	32.664	37.334	22.45	.059	1443.4	202
225	-1.832	-1.837	.236	34.615	27.887	30.295	32.673	37.342	21.36	.064	1444.0	227
250	-1.879	-1.885	.208	34.617	27.890	30.298	32.678	37.348	20.93	.070	1444.1	252
275	-1.883	-1.890	.223	34.621	27.893	30.303	32.682	37.352	20.42	.075	1444.6	277
300	-1.890	-1.897	.236	34.628	27.899	30.308	32.687	37.358	19.76	.080	1444.9	302
325	-1.886	-1.893	.260	34.634	27.904	30.313	32.692	37.363	19.12	.085	1445.4	328
350	-1.862	-1.870	.303	34.645	27.912	30.321	32.700	37.369	18.22	.089	1445.9	353
375	-1.862	-1.871	.322	34.653	27.919	30.328	32.706	37.376	17.47	.094	1446.4	378
400	-1.867	-1.877	.336	34.660	27.925	30.334	32.712	37.382	16.77	.098	1446.8	403
425	-1.865	-1.876	.357	34.662	27.926	30.335	32.713	37.383	16.53	.102	1447.2	429
450	-1.865	-1.976	.377	34.667	27.930	30.339	32.717	37.387	16.00	.106	1447.6	454
475	-1.901	-1.912	.361	34.674	27.937	30.346	32.726	37.396	15.15	.110	1447.9	479
500	-1.945	-1.957	.337	34.701	27.959	30.369	32.749	37.421	12.85	.114	1448.1	504
550	-1.940	-1.954	.382	34.750	27.999	30.409	32.789	37.460	8.79	.119	1449.0	555
600	-1.898	-1.905	.465	34.789	28.030	30.439	32.818	37.487	5.74	.123	1450.1	605
650	-1.887	-1.915	.515	34.819	28.054	30.463	32.842	37.511	3.21	.125	1451.1	656
700	-1.873	-1.892	.569	34.841	28.072	30.480	32.858	37.527	1.34	.126	1452.0	706
714	-1.877	-1.897	.575	34.839	28.070	30.478	32.856	37.525	1.45	.126	1452.2	721



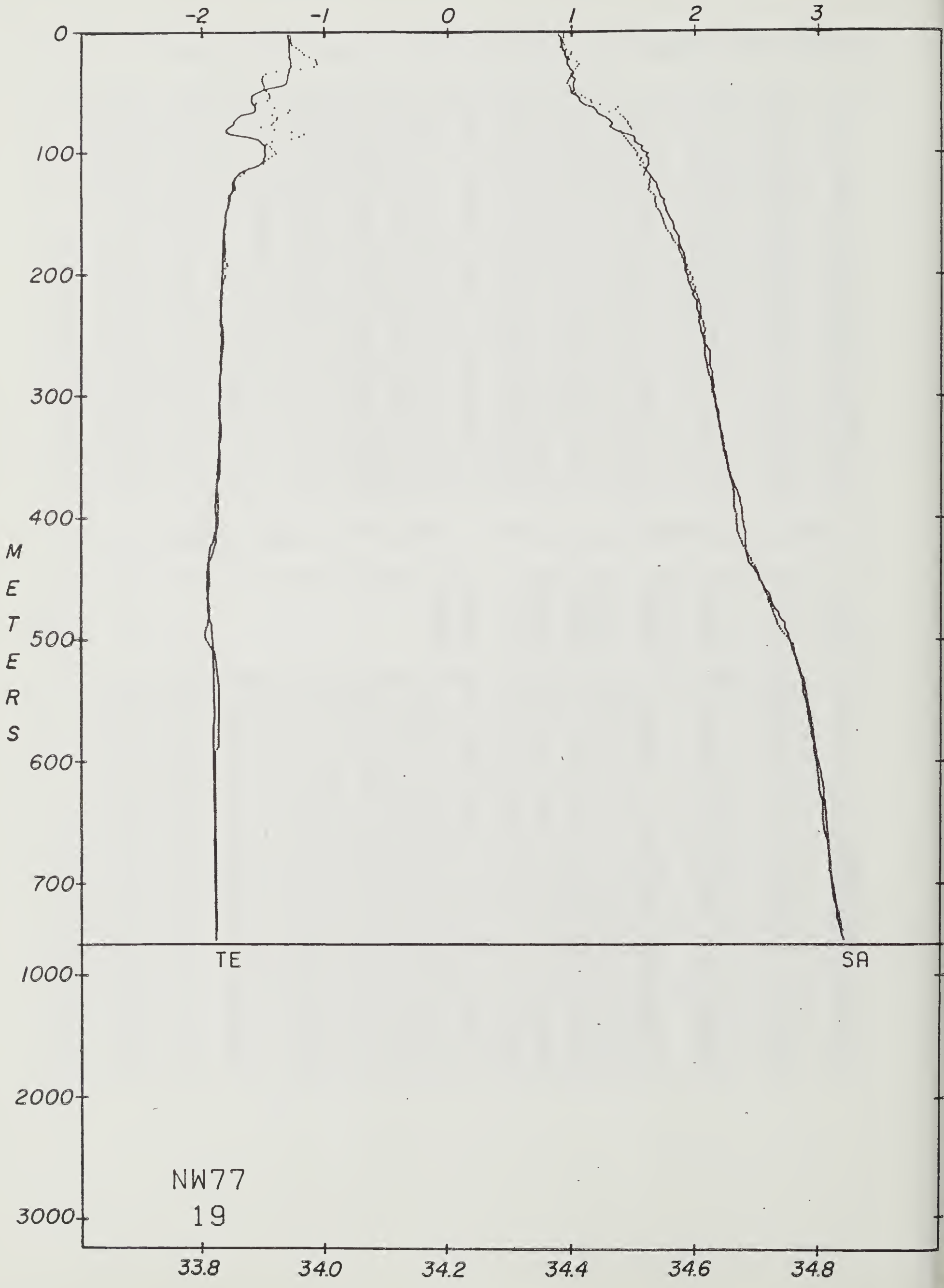
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 33.6S 175 44.2E 570 705 1008.9 150 16 -6.1 0 825 0 2155 21DEC76 NW 77 1 18

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.622	-1.622	.263	34.384	27.694	30.099	32.475	37.140	40.95	0.000	1440.9	0
10	-1.657	-1.657	.235	34.383	27.694	30.100	32.477	37.142	40.87	.004	1440.9	10
20	-1.714	-1.714	.186	34.382	27.695	30.102	32.480	37.147	40.74	.008	1440.8	20
30	-1.761	-1.762	.146	34.389	27.702	30.110	32.488	37.156	40.03	.012	1440.7	30
40	-1.846	-1.847	.069	34.394	27.708	30.117	32.496	37.168	39.37	.016	1440.5	40
50	-1.856	-1.857	.067	34.396	27.710	30.120	32.499	37.170	39.10	.020	1440.6	50
60	-1.858	-1.860	.072	34.403	27.715	30.125	32.504	37.176	38.52	.024	1440.8	60
70	-1.806	-1.807	.136	34.465	27.765	30.173	32.552	37.221	33.80	.028	1441.3	71
80	-1.801	-1.802	.150	34.487	27.782	30.190	32.569	37.238	32.12	.031	1441.5	81
90	-1.806	-1.807	.154	34.506	27.798	30.206	32.585	37.253	30.53	.034	1441.7	91
100	-1.808	-1.810	.160	34.515	27.806	30.214	32.592	37.261	29.77	.037	1441.9	101
125	-1.833	-1.836	.155	34.544	27.829	30.238	32.616	37.286	27.39	.044	1442.2	126
150	-1.798	-1.801	.210	34.561	27.842	30.250	32.628	37.297	26.02	.051	1442.8	151
175	-1.819	-1.823	.208	34.572	27.852	30.260	32.638	37.307	24.97	.057	1443.1	176
200	-1.801	-1.805	.247	34.585	27.862	30.270	32.647	37.316	23.90	.063	1443.6	202
225	-1.826	-1.831	.241	34.593	27.869	30.277	32.655	37.324	23.06	.069	1444.0	227
250	-1.831	-1.837	.255	34.601	27.875	30.284	32.662	37.331	22.31	.075	1444.4	252
275	-1.834	-1.840	.272	34.607	27.881	30.289	32.667	37.336	21.67	.080	1444.8	277
300	-1.809	-1.817	.316	34.613	27.885	30.293	32.671	37.339	21.12	.086	1445.3	302
325	-1.889	-1.896	.256	34.621	27.893	30.303	32.682	37.352	20.13	.091	1445.4	328
350	-1.891	-1.899	.273	34.629	27.900	30.309	32.688	37.359	19.36	.096	1445.8	353
375	-1.879	-1.888	.305	34.654	27.920	30.329	32.708	37.378	17.34	.100	1446.3	378
400	-1.944	-1.953	.261	34.669	27.933	30.343	32.723	37.395	15.87	.105	1446.4	403
425	-1.944	-1.955	.280	34.686	27.947	30.357	32.737	37.409	14.40	.108	1446.8	429
450	-1.937	-1.947	.308	34.705	27.963	30.372	32.752	37.424	12.83	.112	1447.3	454
475	-1.919	-1.930	.346	34.730	27.983	30.392	32.771	37.442	10.83	.115	1447.9	479
500	-1.915	-1.927	.370	34.747	27.996	30.406	32.785	37.455	9.43	.117	1448.3	504
550	-1.940	-1.954	.385	34.780	28.024	30.433	32.813	37.484	6.52	.121	1449.1	555
600	-1.924	-1.940	.439	34.797	28.037	30.446	32.825	37.496	5.05	.124	1450.0	605
650	-1.907	-1.924	.496	34.819	28.054	30.463	32.842	37.512	3.17	.126	1451.0	656
700	-1.887	-1.906	.555	34.839	28.070	30.479	32.857	37.526	1.43	.127	1451.9	706
702	-1.887	-1.906	.557	34.841	28.071	30.480	32.858	37.528	1.32	.127	1452.0	708

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 33.6S 175 44.2E 570 705 1008.8 150 7 -5.4 0 0 0 2319 21DEC76 NW 77 2 18

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.47	-1.47	0.42	34.412	27.71	30.12						A8	2	18
34	-1.47	-1.47	0.44	34.430	27.73	30.13							2	18
151	-1.79	-1.79	0.22	34.569	27.85	30.26						C7	2	18
201	-1.83	-1.83	0.22	34.592	27.87	30.28						C1	2	18
399	-1.94	-1.95	0.26	34.681	27.94	30.35					0.58	C7	2	18
549	-1.96	-1.97	0.36	34.781	28.02	30.43							2	18

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.512	-1.512	.374	34.413	27.714	30.118	32.492	37.153	39.02	0.000	1441.5	0
10	-1.480	-1.480	.414	34.415	27.715	30.118	32.492	37.151	38.91	.004	1441.8	10
20	-1.450	-1.450	.452	34.416	27.715	30.118	32.491	37.150	38.81	.008	1442.1	20
30	-1.459	-1.460	.450	34.421	27.719	30.123	32.496	37.155	38.37	.012	1442.2	30
40	-1.587	-1.587	.331	34.435	27.734	30.139	32.514	37.177	36.91	.015	1441.8	40
50	-1.652	-1.653	.273	34.437	27.738	30.144	32.521	37.185	36.47	.019	1441.7	50
60	-1.701	-1.702	.232	34.436	27.739	30.146	32.522	37.189	36.36	.023	1441.6	60
70	-1.771	-1.772	.171	34.464	27.763	30.171	32.549	37.217	33.97	.026	1441.5	71
80	-1.802	-1.804	.150	34.506	27.798	30.206	32.584	37.253	30.62	.029	1441.5	81
90	-1.849	-1.851	.113	34.548	27.833	30.242	32.620	37.290	27.23	.032	1441.5	91
100	-1.877	-1.879	.092	34.541	27.828	30.237	32.617	37.287	27.62	.035	1441.6	101
125	-1.821	-1.823	.169	34.563	27.844	30.253	32.631	37.300	25.95	.042	1442.3	126
150	-1.793	-1.796	.216	34.574	27.853	30.260	32.638	37.306	25.05	.048	1442.8	151
175	-1.834	-1.837	.195	34.579	27.858	30.266	32.645	37.314	24.36	.054	1443.1	176
200	-1.825	-1.829	.223	34.592	27.868	30.277	32.655	37.324	23.25	.060	1443.5	202
225	-1.872	-1.877	.195	34.594	27.871	30.280	32.659	37.330	22.81	.066	1443.7	227
250	-1.883	-1.888	.204	34.603	27.878	30.287	32.667	37.337	21.98	.072	1444.1	252
275	-1.885	-1.891	.221	34.607	27.882	30.291	32.671	37.341	21.49	.077	1444.5	277
300	-1.886	-1.893	.240	34.616	27.889	30.298	32.677	37.348	20.67	.082	1444.9	302
325	-1.896	-1.904	.248	34.623	27.895	30.304	32.684	37.354	19.99	.087	1445.3	328
350	-1.901	-1.909	.263	34.632	27.902	30.312	32.691	37.362	19.13	.092	1445.7	353
375	-1.902	-1.911	.282	34.650	27.917	30.326	32.706	37.376	17.61	.097	1446.2	378
400	-1.941	-1.951	.263	34.665	27.930	30.340	32.720	37.392	16.18	.101	1446.4	403
425	-1.974	-1.984	.250	34.687	27.949	30.360	32.740	37.413	14.19	.105	1446.7	429
450	-1.948	-1.959	.296	34.710	27.967	30.377	32.757	37.428	12.42	.108	1447.3	454
475	-1.939	-1.950	.326	34.722	27.977	30.386	32.766	37.437	11.37	.111	1447.8	479
500	-2.020	-2.032	.264	34.737	27.991	30.402	32.783	37.456	9.79	.114	1447.8	504
550	-1.926	-1.940	.398	34.776	28.020	30.429	32.809	37.479	6.92	.118	1449.1	555
600	-1.921	-1.936	.443	34.801	28.040	30.449	32.828	37.498	4.76	.121	1450.0	605
650	-1.913	-1.930	.490	34.824	28.059	30.468	32.847	37.517	2.73	.123	1450.9	656
700	-1.880	-1.899	.562	34.844	28.074	30.483	32.861	37.530	1.08	.124	1452.0	706
703	-1.879	-1.898	.565	34.842	28.072	30.481	32.859	37.528	1.27	.124	1452.0	709



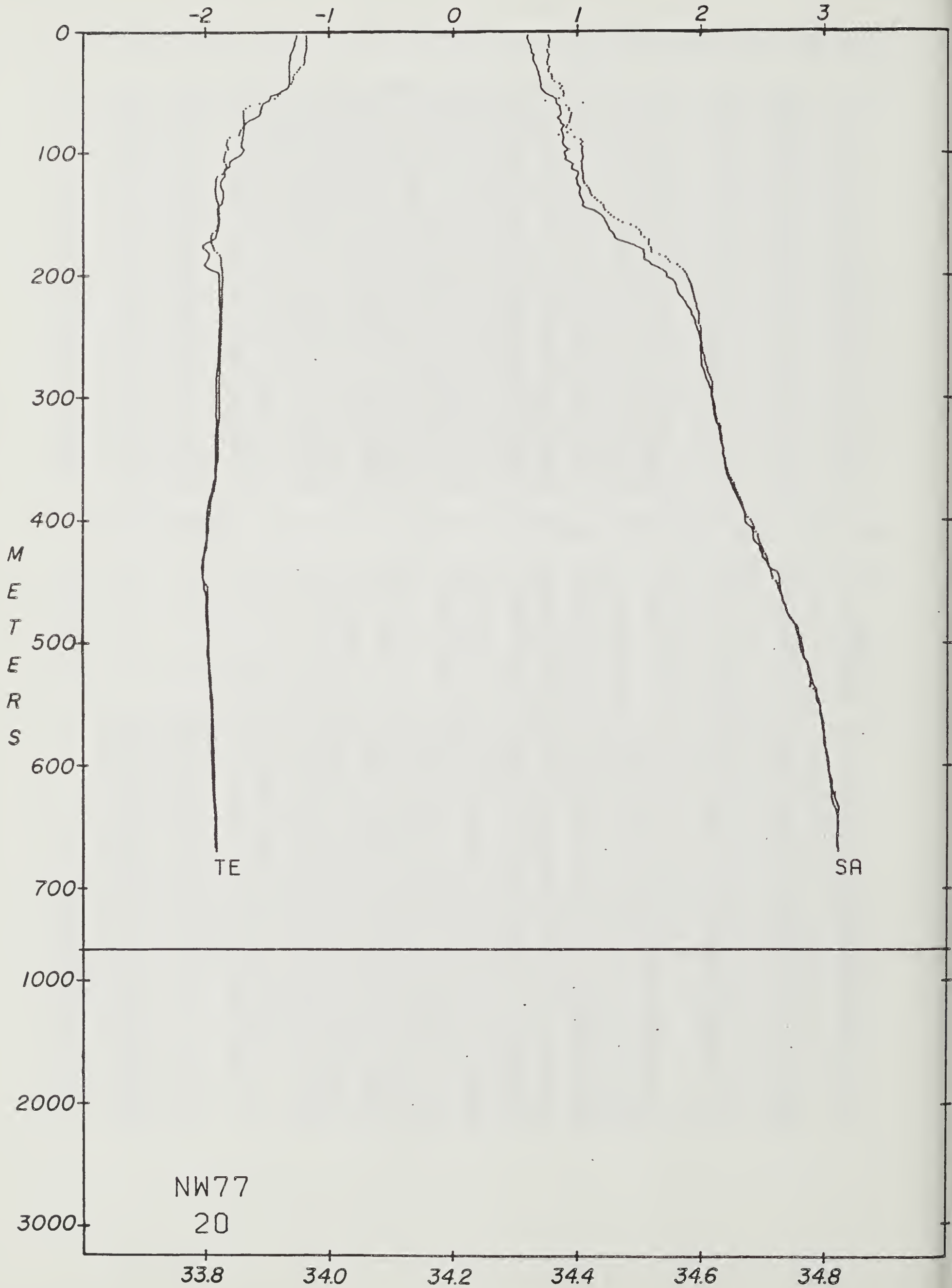
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 55.0S 177 56.2E 570 756 1008.2 150 6 -6.4 0 0 0 212 22DEC76 NW 77 1 19

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.306	-1.306	.579	34.386	27.686	30.087	32.458	37.112	41.69	0.000	1442.4	0
10	-1.292	-1.293	.600	34.384	27.684	30.085	32.456	37.110	41.82	.004	1442.6	10
20	-1.289	-1.290	.610	34.391	27.690	30.091	32.461	37.116	41.22	.008	1442.8	20
30	-1.287	-1.288	.621	34.398	27.695	30.096	32.466	37.120	40.67	.012	1443.0	30
40	-1.311	-1.312	.605	34.404	27.701	30.102	32.473	37.128	40.05	.016	1443.1	40
50	-1.559	-1.561	.364	34.403	27.707	30.112	32.487	37.149	39.39	.020	1442.0	50
60	-1.577	-1.578	.355	34.425	27.726	30.131	32.506	37.169	37.54	.024	1442.2	60
70	-1.711	-1.712	.231	34.455	27.754	30.161	32.538	37.205	34.83	.028	1441.7	71
80	-1.803	-1.804	.147	34.468	27.767	30.175	32.554	37.223	33.53	.031	1441.5	81
90	-1.527	-1.529	.432	34.503	27.788	30.192	32.566	37.226	31.59	.035	1443.0	91
100	-1.490	-1.492	.478	34.522	27.802	30.205	32.579	37.238	30.16	.038	1443.4	101
125	-1.755	-1.757	.233	34.538	27.822	30.230	32.607	37.274	28.04	.045	1442.6	126
150	-1.810	-1.813	.198	34.557	27.839	30.247	32.625	37.294	26.30	.052	1442.7	151
175	-1.833	-1.836	.195	34.575	27.855	30.263	32.642	37.311	24.67	.058	1443.1	176
200	-1.841	-1.845	.207	34.587	27.865	30.273	32.652	37.321	23.58	.064	1443.5	202
225	-1.846	-1.851	.222	34.603	27.877	30.286	32.664	37.334	22.27	.070	1443.9	227
250	-1.847	-1.852	.241	34.613	27.885	30.294	32.672	37.342	21.35	.075	1444.3	252
275	-1.847	-1.854	.259	34.625	27.896	30.304	32.683	37.352	20.24	.081	1444.7	277
300	-1.853	-1.860	.273	34.634	27.903	30.311	32.690	37.359	19.44	.085	1445.1	302
325	-1.961	-1.869	.284	34.642	27.909	30.318	32.697	37.366	18.64	.090	1445.5	328
350	-1.859	-1.867	.307	34.652	27.917	30.326	32.705	37.374	17.75	.095	1446.0	353
375	-1.887	-1.896	.298	34.668	27.931	30.340	32.719	37.389	16.29	.099	1446.3	378
400	-1.889	-1.898	.316	34.677	27.939	30.348	32.727	37.397	15.40	.103	1446.7	403
425	-1.914	-1.924	.310	34.683	27.944	30.353	32.733	37.404	14.76	.107	1447.0	429
450	-1.964	-1.975	.280	34.706	27.964	30.375	32.755	37.427	12.63	.110	1447.2	454
475	-1.957	-1.969	.308	34.734	27.986	30.396	32.776	37.448	10.44	.113	1447.7	479
500	-1.919	-1.931	.366	34.755	28.003	30.412	32.791	37.462	8.81	.115	1448.3	504
550	-1.906	-1.920	.419	34.784	28.026	30.435	32.814	37.484	6.39	.119	1449.3	555
600	-1.911	-1.927	.453	34.801	28.040	30.449	32.828	37.498	4.79	.122	1450.1	605
650	-1.901	-1.918	.502	34.814	28.050	30.459	32.838	37.507	3.58	.124	1451.0	656
700	-1.898	-1.917	.542	34.822	28.057	30.466	32.845	37.514	2.67	.126	1451.8	706
745	-1.892	-1.912	.584	34.841	28.072	30.481	32.859	37.528	1.06	.127	1452.7	752

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 54.0S 177 56.0E 570 756 1008.2 150 8 -6.3 0 0 0 319 22DEC76 NW 77 2 19

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-1.28	-1.28	0.61	34.386	27.69	30.09	9.23	66	1.46	-0.46		C7	2	19
59	-1.58	-1.58	0.35	34.436	27.73	30.14	8.63	70	1.68			C7	2	19
79	-1.48	-1.48	0.47	34.497	27.78	30.18		68	2.16	-0.36	0.51	C1	2	19
114	-1.65	-1.65	0.33	34.520	27.91	30.21	6.52	68	2.16	-0.42		C7	2	19
225	-1.85	-1.86	0.22	34.609	27.88	30.29	6.58	68	2.14			C1	2	19
338	-1.86	-1.87	0.30	34.646	27.91	30.32	6.71	68	2.19			C7	2	19
458	-1.96	-1.97	0.29	34.712	27.97	30.38	6.58	73	2.19	-0.55		C7	2	19
479	-1.97	-1.98	0.30	34.729	27.98	30.39		72	2.19	-0.53	0.40	C1	2	19
582	-1.87	-1.89	0.48	34.792	28.03	30.44	6.74	73	2.25			C7	2	19
749	-1.90	-1.92	0.58	34.843	28.07	30.48	6.45	74	2.20	-0.44			2	19

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.276	-1.276	.609	34.390	27.688	30.089	32.459	37.113	41.47	0.000	1442.5	0
10	-1.262	-1.262	.630	34.388	27.686	30.086	32.456	37.110	41.64	.004	1442.8	10
20	-1.123	-1.123	.777	34.394	27.686	30.084	32.453	37.102	41.56	.008	1443.6	20
30	-1.217	-1.217	.692	34.407	27.700	30.099	32.469	37.121	40.23	.012	1443.3	30
40	-1.511	-1.512	.404	34.395	27.700	30.104	32.478	37.138	40.19	.016	1442.1	40
50	-1.457	-1.458	.466	34.408	27.709	30.112	32.485	37.144	39.27	.020	1442.5	50
60	-1.538	-1.539	.396	34.448	27.744	30.148	32.522	37.184	35.91	.024	1442.4	60
70	-1.407	-1.409	.536	34.486	27.770	30.173	32.545	37.202	33.35	.028	1443.2	71
80	-1.409	-1.411	.543	34.495	27.777	30.180	32.552	37.209	32.65	.031	1443.4	81
90	-1.403	-1.405	.556	34.492	27.775	30.177	32.549	37.206	32.81	.034	1443.6	91
100	-1.406	-1.408	.561	34.507	27.788	30.190	32.562	37.218	31.59	.037	1443.7	101
125	-1.739	-1.741	.249	34.527	27.813	30.220	32.597	37.264	28.96	.045	1442.6	126
150	-1.810	-1.813	.197	34.546	27.830	30.238	32.617	37.285	27.16	.052	1442.7	151
175	-1.816	-1.820	.212	34.571	27.851	30.259	32.637	37.306	25.06	.059	1443.1	176
200	-1.820	-1.824	.228	34.594	27.869	30.278	32.656	37.324	23.16	.065	1443.6	202
225	-1.852	-1.857	.216	34.609	27.883	30.291	32.670	37.339	21.75	.070	1443.9	227
250	-1.828	-1.833	.260	34.615	27.887	30.295	32.674	37.342	21.21	.076	1444.4	252
275	-1.849	-1.856	.237	34.621	27.892	30.301	32.679	37.349	20.57	.081	1444.7	277
300	-1.863	-1.870	.263	34.632	27.902	30.310	32.689	37.359	19.51	.086	1445.1	302
325	-1.845	-1.853	.300	34.641	27.909	30.317	32.696	37.365	18.72	.091	1445.6	328
350	-1.871	-1.880	.294	34.651	27.917	30.326	32.705	37.375	17.78	.095	1445.9	353
375	-1.881	-1.890	.304	34.663	27.927	30.336	32.715	37.385	16.68	.099	1446.3	378
400	-1.874	-1.884	.330	34.668	27.931	30.340	32.718	37.388	16.19	.104	1446.7	403
425	-1.943	-1.953	.281	34.683	27.945	30.354	32.734	37.406	14.65	.107	1446.8	429
450	-1.945	-1.956	.299	34.706	27.963	30.373	32.753	37.425	12.76	.111	1447.3	454
475	-1.944	-1.956	.320	34.726	27.980	30.390	32.770	37.441	11.03	.114	1447.7	479
500	-1.960	-1.973	.325	34.755	28.004	30.414	32.794	37.463	8.64	.116	1448.1	504
550	-1.862	-1.876	.463	34.781	28.022	30.431	32.809	37.477	6.79	.120	1449.5	555
600	-1.895	-1.911	.468	34.797	28.036	30.445	32.824	37.494	5.13	.123	1450.2	605
650	-1.893	-1.910	.509	34.809	28.046	30.455	32.833	37.503	3.97	.125	1451.0	656
700	-1.888	-1.907	.553	34.825	28.059	30.468	32.846	37.515	2.53	.127	1451.9	706
737	-1.885	-1.905	.585	34.840	28.071	30.480	32.858	37.527	1.21	.128	1452.6	744



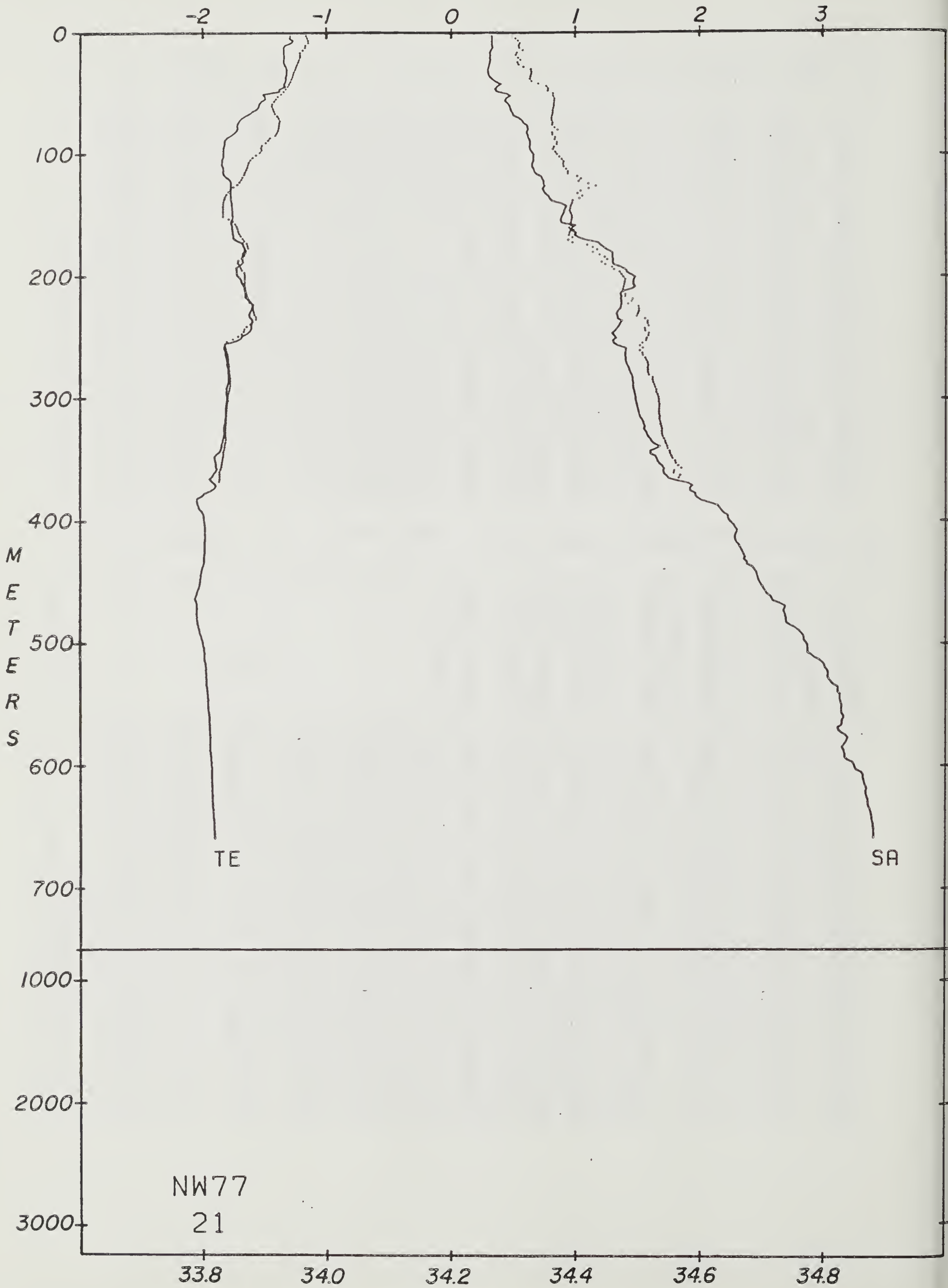
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.8S	179	35.0E	570	670	1008.0	140	5	-6.8	0	0	0	552	22DEC76	NW	77	1 20

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.269	-1.269	.612	34.320	27.631	30.032	32.403	37.057	46.86	0.000	1442.5	0
10	-1.285	-1.285	.603	34.325	27.636	30.037	32.408	37.063	46.33	.005	1442.6	10
20	-1.317	-1.317	.579	34.330	27.642	30.043	32.414	37.070	45.79	.009	1442.6	20
30	-1.326	-1.326	.579	34.337	27.647	30.049	32.420	37.076	45.19	.014	1442.7	30
40	-1.326	-1.327	.586	34.342	27.651	30.053	32.424	37.080	44.79	.018	1442.9	40
50	-1.432	-1.433	.488	34.352	27.663	30.066	32.439	37.098	43.63	.023	1442.6	50
60	-1.544	-1.546	.385	34.372	27.682	30.087	32.462	37.124	41.70	.027	1442.2	60
70	-1.608	-1.609	.329	34.370	27.683	30.088	32.464	37.128	41.61	.031	1442.1	71
80	-1.693	-1.695	.251	34.377	27.690	30.097	32.475	37.141	40.82	.035	1441.9	81
90	-1.709	-1.711	.243	34.377	27.691	30.098	32.475	37.142	40.72	.039	1442.0	91
100	-1.714	-1.717	.246	34.381	27.694	30.101	32.479	37.146	40.37	.043	1442.1	101
125	-1.879	-1.882	.101	34.401	27.715	30.125	32.505	37.177	38.17	.053	1441.8	126
150	-1.898	-1.901	.104	34.441	27.747	30.157	32.537	37.210	34.93	.062	1442.2	151
175	-2.024	-2.028	.001	34.497	27.795	30.207	32.589	37.265	30.18	.071	1442.0	176
200	-1.890	-1.894	.136	34.547	27.834	30.243	32.623	37.294	26.50	.078	1443.2	202
225	-1.884	-1.889	.182	34.582	27.861	30.271	32.650	37.321	23.73	.084	1443.7	227
250	-1.893	-1.898	.194	34.600	27.876	30.286	32.665	37.336	22.17	.090	1444.1	252
275	-1.906	-1.912	.199	34.605	27.880	30.290	32.670	37.341	21.62	.095	1444.4	277
300	-1.915	-1.921	.211	34.619	27.892	30.302	32.681	37.353	20.38	.100	1444.8	302
325	-1.918	-1.925	.227	34.630	27.901	30.311	32.691	37.362	19.33	.105	1445.2	328
350	-1.923	-1.931	.242	34.639	27.909	30.319	32.698	37.369	18.50	.110	1445.6	353
375	-1.956	-1.964	.229	34.655	27.922	30.333	32.712	37.385	17.04	.114	1445.9	378
400	-1.997	-2.006	.208	34.673	27.938	30.349	32.730	37.403	15.35	.119	1446.2	403
425	-2.017	-2.027	.208	34.699	27.959	30.370	32.751	37.425	13.19	.122	1446.5	429
450	-2.020	-2.030	.226	34.728	27.983	30.394	32.775	37.449	10.79	.125	1447.0	454
475	-2.000	-2.011	.266	34.742	27.994	30.404	32.785	37.458	9.67	.128	1447.5	479
500	-1.987	-1.999	.299	34.764	28.012	30.422	32.802	37.475	7.84	.130	1448.0	504
550	-1.957	-1.971	.368	34.794	28.035	30.445	32.825	37.496	5.44	.133	1449.0	555
600	-1.950	-1.966	.414	34.808	28.046	30.456	32.835	37.507	4.11	.136	1449.9	605
650	-1.927	-1.944	.476	34.822	28.057	30.467	32.846	37.516	2.87	.137	1450.9	656
665	-1.925	-1.942	.489	34.821	28.056	30.466	32.845	37.515	2.87	.138	1451.1	671

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	1.7S	179	26.5E	569	670	1008.0	140	5	-6.1	0	0	0	702	22DEC76	NW	77	2 20

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.19	-1.19	0.69	34.377	27.68	30.07						C7	2	20
54	-1.48	-1.48	0.45	34.393	27.70	30.10							2	20
99	-1.84	-1.84	0.12	34.414	27.72	30.13						C7	2	20
150	-1.90	-1.90	0.10	34.454	27.76	30.17							2	20
171	-1.95	-1.95	0.07	34.519	27.81	30.22							2	20
186	-1.87	-1.87	0.16	34.551	27.84	30.25				-0.46		C7	2	20
447	-2.02	-2.03	0.22	34.716	27.97	30.38				-0.53			2	20
490	-1.97	-1.98	0.31	34.754	28.00	30.41						C7	2	20
539	-1.96	-1.97	0.36	34.785	28.03	30.44							2	20
668	-1.91	-1.93	0.51	34.821	28.06	30.47						C7	2	20

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.188	-1.188	.695	34.363	27.663	30.062	32.432	37.083	43.82	0.000	1442.9	0
10	-1.184	-1.185	.706	34.355	27.657	30.056	32.425	37.076	44.39	.004	1443.1	10
20	-1.199	-1.200	.699	34.355	27.658	30.057	32.426	37.078	44.29	.009	1443.2	20
30	-1.249	-1.250	.656	34.356	27.660	30.060	32.430	37.083	44.03	.013	1443.1	30
40	-1.301	-1.302	.613	34.365	27.669	30.070	32.441	37.096	43.08	.018	1443.0	40
50	-1.399	-1.400	.523	34.380	27.684	30.087	32.459	37.117	41.60	.022	1442.8	50
60	-1.629	-1.631	.300	34.386	27.696	30.102	32.478	37.143	40.42	.026	1441.9	60
70	-1.690	-1.692	.247	34.390	27.701	30.108	32.485	37.151	39.89	.030	1441.7	71
80	-1.714	-1.716	.231	34.387	27.699	30.107	32.484	37.151	39.99	.034	1441.8	81
90	-1.827	-1.828	.127	34.409	27.719	30.128	32.508	37.178	37.96	.038	1441.5	91
100	-1.843	-1.846	.118	34.410	27.721	30.130	32.510	37.180	37.76	.042	1441.5	101
125	-1.919	-1.922	.062	34.415	27.727	30.137	32.517	37.191	37.04	.051	1441.6	126
150	-1.896	-1.899	.106	34.456	27.759	30.169	32.549	37.221	33.81	.060	1442.2	151
175	-1.939	-1.943	.086	34.519	27.812	30.222	32.602	37.275	28.68	.068	1442.5	176
200	-1.861	-1.865	.186	34.580	27.859	30.268	32.647	37.317	24.11	.074	1443.4	202
225	-1.869	-1.874	.198	34.595	27.872	30.281	32.660	37.330	22.76	.080	1443.8	227
250	-1.877	-1.882	.210	34.602	27.877	30.286	32.665	37.336	22.09	.086	1444.1	252
275	-1.889	-1.895	.217	34.612	27.886	30.295	32.674	37.345	21.13	.091	1444.5	277
300	-1.892	-1.898	.234	34.620	27.893	30.302	32.681	37.352	20.32	.096	1444.9	302
325	-1.904	-1.911	.242	34.633	27.903	30.312	32.692	37.363	19.19	.101	1445.3	328
350	-1.905	-1.913	.259	34.640	27.909	30.319	32.698	37.369	18.51	.106	1445.7	353
375	-1.942	-1.951	.243	34.659	27.925	30.335	32.715	37.387	16.79	.110	1446.0	378
400	-1.982	-1.991	.223	34.683	27.946	30.356	32.736	37.410	14.67	.114	1446.3	403
425	-2.013	-2.023	.212	34.703	27.963	30.374	32.755	37.428	12.85	.118	1446.5	429
450	-1.998	-2.009	.247	34.723	27.979	30.390	32.770	37.443	11.22	.121	1447.1	454
475	-1.984	-1.995	.281	34.742	27.994	30.404	32.785	37.457	9.67	.123	1447.6	479
500	-1.978	-1.990	.308	34.761	28.009	30.419	32.799	37.472	8.15	.126	1448.0	504
550	-1.943	-1.956	.383	34.794	28.035	30.445	32.824	37.495	5.44	.129	1449.1	555
600	-1.933	-1.948	.431	34.807	28.046	30.455	32.834	37.505	4.21	.131	1450.0	605
650	-1.915	-1.932	.488	34.823	28.058	30.467	32.846	37.516	2.84	.133	1450.9	656
668	-1.914	-1.931	.503	34.824	28.058	30.468	32.846	37.516	2.67	.134	1451.2	674



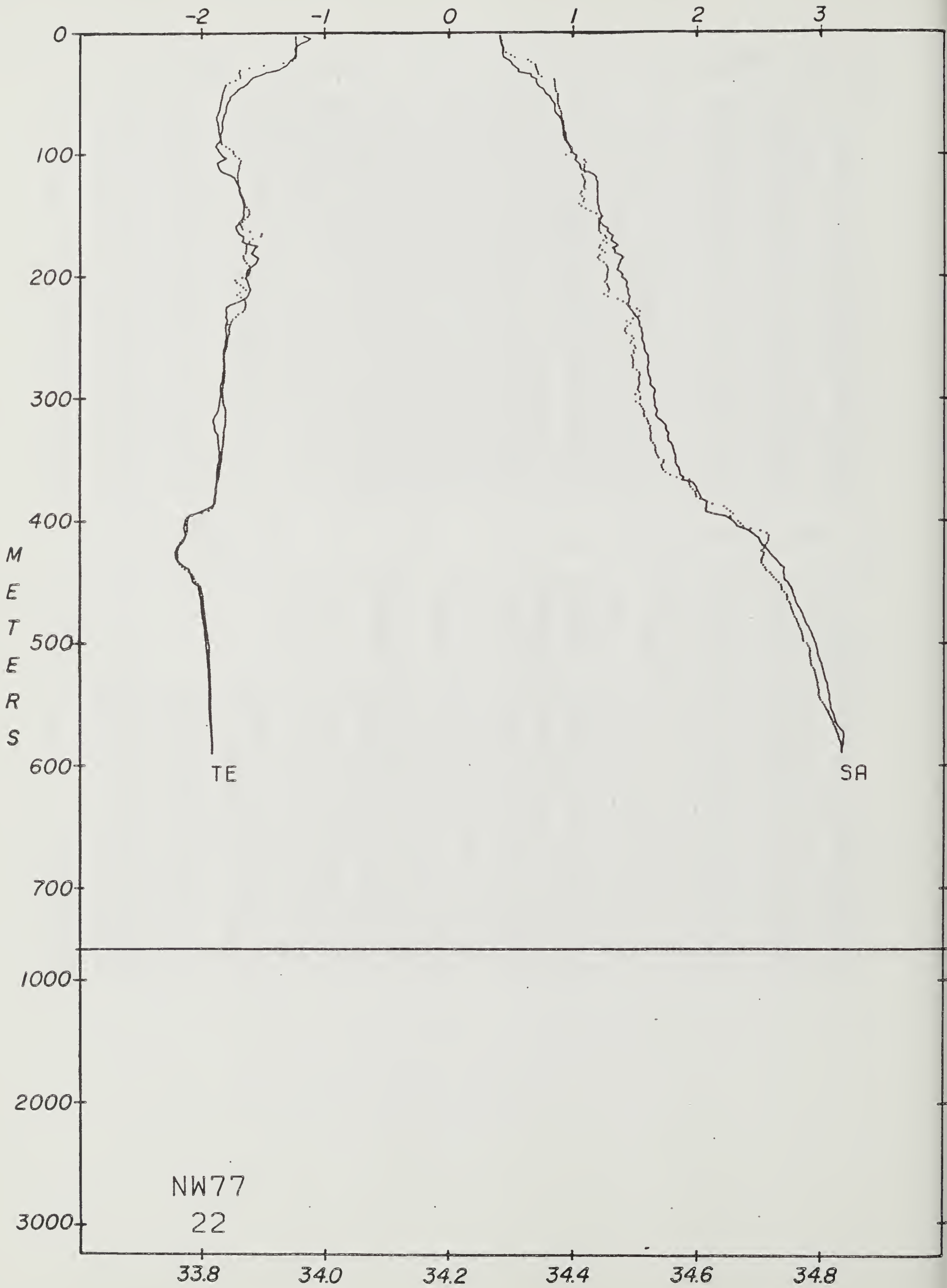
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 11.0S	178 38.0W	569	706	1007.9	160	7	-7.2	0	300	0	1235	22DEC76	NW	77	1	21	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.250	-1.250	.628	34.268	27.589	29.989	32.360	37.014	50.91	0.000	1442.5	0
10	-1.335	-1.335	.550	34.266	27.590	29.992	32.364	37.020	50.73	.005	1442.3	10
20	-1.347	-1.347	.546	34.262	27.587	29.989	32.362	37.019	50.92	.010	1442.4	20
30	-1.328	-1.329	.572	34.259	27.584	29.986	32.358	37.014	51.20	.015	1442.6	30
40	-1.342	-1.343	.566	34.273	27.596	29.998	32.370	37.027	50.01	.020	1442.7	40
50	-1.502	-1.503	.415	34.289	27.614	30.018	32.393	37.054	48.27	.025	1442.2	50
60	-1.557	-1.558	.368	34.293	27.619	30.024	32.399	37.062	47.73	.030	1442.1	60
70	-1.688	-1.689	.245	34.308	27.634	30.042	32.419	37.086	46.15	.035	1441.6	71
80	-1.731	-1.732	.211	34.322	27.647	30.055	32.433	37.101	44.90	.039	1441.6	81
90	-1.828	-1.830	.121	34.327	27.653	30.062	32.442	37.113	44.25	.044	1441.3	91
100	-1.838	-1.840	.120	34.332	27.658	30.067	32.447	37.118	43.73	.048	1441.5	101
125	-1.777	-1.780	.200	34.350	27.670	30.079	32.458	37.127	42.41	.059	1442.2	126
150	-1.764	-1.767	.234	34.379	27.693	30.102	32.480	37.149	40.08	.069	1442.7	151
175	-1.675	-1.679	.346	34.444	27.744	30.151	32.527	37.193	35.17	.079	1443.6	176
200	-1.710	-1.715	.332	34.495	27.787	30.194	32.571	37.237	31.02	.087	1443.9	202
225	-1.612	-1.618	.448	34.472	27.765	30.171	32.546	37.210	32.99	.095	1444.8	227
250	-1.706	-1.712	.373	34.465	27.762	30.169	32.546	37.212	33.09	.103	1444.8	252
275	-1.801	-1.807	.298	34.486	27.782	30.190	32.569	37.238	30.99	.111	1444.8	277
300	-1.812	-1.819	.306	34.497	27.791	30.199	32.578	37.247	30.00	.119	1445.1	302
325	-1.835	-1.842	.304	34.512	27.803	30.212	32.591	37.261	28.66	.126	1445.5	328
350	-1.905	-1.913	.254	34.532	27.822	30.232	32.611	37.283	26.71	.133	1445.6	353
375	-1.978	-1.987	.202	34.588	27.868	30.279	32.660	37.334	22.07	.139	1445.7	378
400	-1.993	-2.002	.211	34.651	27.920	30.331	32.712	37.385	17.02	.144	1446.2	403
425	-1.994	-2.004	.229	34.671	27.936	30.347	32.728	37.401	15.38	.148	1446.6	429
450	-2.036	-2.046	.208	34.699	27.960	30.371	32.753	37.427	12.94	.152	1446.8	454
475	-2.060	-2.071	.206	34.738	27.993	30.404	32.786	37.461	9.71	.154	1447.2	479
500	-2.005	-2.017	.282	34.774	28.020	30.431	32.812	37.484	7.02	.157	1447.9	504
550	-1.965	-1.979	.362	34.829	28.064	30.474	32.854	37.525	2.71	.159	1449.0	555
600	-1.936	-1.952	.430	34.851	28.081	30.490	32.870	37.540	.87	.160	1450.0	605
650	-1.916	-1.934	.490	34.880	28.104	30.514	32.892	37.561	-1.53	.160	1451.0	656
658	-1.914	-1.931	.499	34.881	28.105	30.514	32.892	37.562	-1.59	.160	1451.2	664

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 9.9S	178 39.7W	569	706	1008.0	160	7	-7.2	0		0	0	1349	22DEC76	NW	77	2	21

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.19	-1.19	0.69	34.293	27.61	30.01	9.92	58	1.24			C7	2	21
40	-1.32	-1.32	0.59	34.327	27.64	30.04	9.35	60	1.43				2	21
86	-1.47	-1.47	0.48	34.366	27.68	30.08	8.91	62	1.53			C7	2	21
215	-1.65	-1.66	0.40	34.486	27.78	30.18	6.76	67	2.09			C7	2	21
386	-2.05	-2.06	0.14	34.624	27.90	30.31	6.53	71	2.19			C7	2	21
464	-2.07	-2.08	0.19	34.717	27.98	30.39	6.57	73	2.19				2	21
539	-1.99	-2.00	0.33	34.776	28.02	30.43	6.54	72	2.19			D6C7	2	21

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.192	-1.192	.688	34.298	27.611	30.010	32.380	37.032	48.79	0.000	1442.8	0
10	-1.173	-1.173	.715	34.309	27.620	30.019	32.388	37.039	47.92	.005	1443.1	10
20	-1.224	-1.224	.671	34.306	27.619	30.019	32.389	37.042	47.93	.010	1443.0	20
30	-1.262	-1.262	.642	34.327	27.637	30.038	32.408	37.062	46.15	.014	1443.0	30
40	-1.300	-1.301	.611	34.329	27.640	30.041	32.412	37.067	45.89	.019	1443.0	40
50	-1.377	-1.378	.544	34.364	27.670	30.072	32.444	37.102	42.93	.023	1442.9	50
60	-1.448	-1.449	.481	34.365	27.674	30.077	32.450	37.110	42.52	.028	1442.7	60
70	-1.393	-1.394	.543	34.362	27.670	30.072	32.444	37.102	42.89	.032	1443.1	71
80	-1.401	-1.403	.543	34.369	27.675	30.077	32.450	37.108	42.31	.036	1443.2	81
90	-1.500	-1.502	.451	34.367	27.677	30.081	32.455	37.116	42.10	.040	1442.9	91
100	-1.578	-1.580	.381	34.371	27.682	30.088	32.463	37.126	41.47	.045	1442.7	101
125	-1.743	-1.746	.238	34.428	27.733	30.140	32.518	37.186	36.52	.054	1442.5	126
150	-1.837	-1.840	.162	34.395	27.708	30.118	32.497	37.168	38.63	.064	1442.4	151
175	-1.641	-1.645	.378	34.424	27.727	30.133	32.509	37.174	36.83	.073	1443.8	176
200	-1.666	-1.670	.376	34.478	27.771	30.178	32.554	37.219	32.50	.082	1444.1	202
225	-1.597	-1.603	.464	34.502	27.789	30.194	32.569	37.232	30.74	.090	1444.9	227
250	-1.762	-1.768	.319	34.515	27.804	30.211	32.589	37.257	29.10	.097	1444.6	252
275	-1.791	-1.797	.310	34.517	27.806	30.215	32.593	37.261	28.71	.104	1444.8	277
300	-1.803	-1.810	.317	34.535	27.821	30.229	32.607	37.276	27.15	.111	1445.2	302
325	-1.822	-1.830	.317	34.540	27.826	30.234	32.613	37.282	26.56	.118	1445.6	328
350	-1.850	-1.859	.310	34.560	27.843	30.252	32.631	37.301	24.77	.125	1445.9	353
366	-1.873	-1.882	.299	34.562	27.845	30.254	32.633	37.304	24.47	.128	1446.0	369



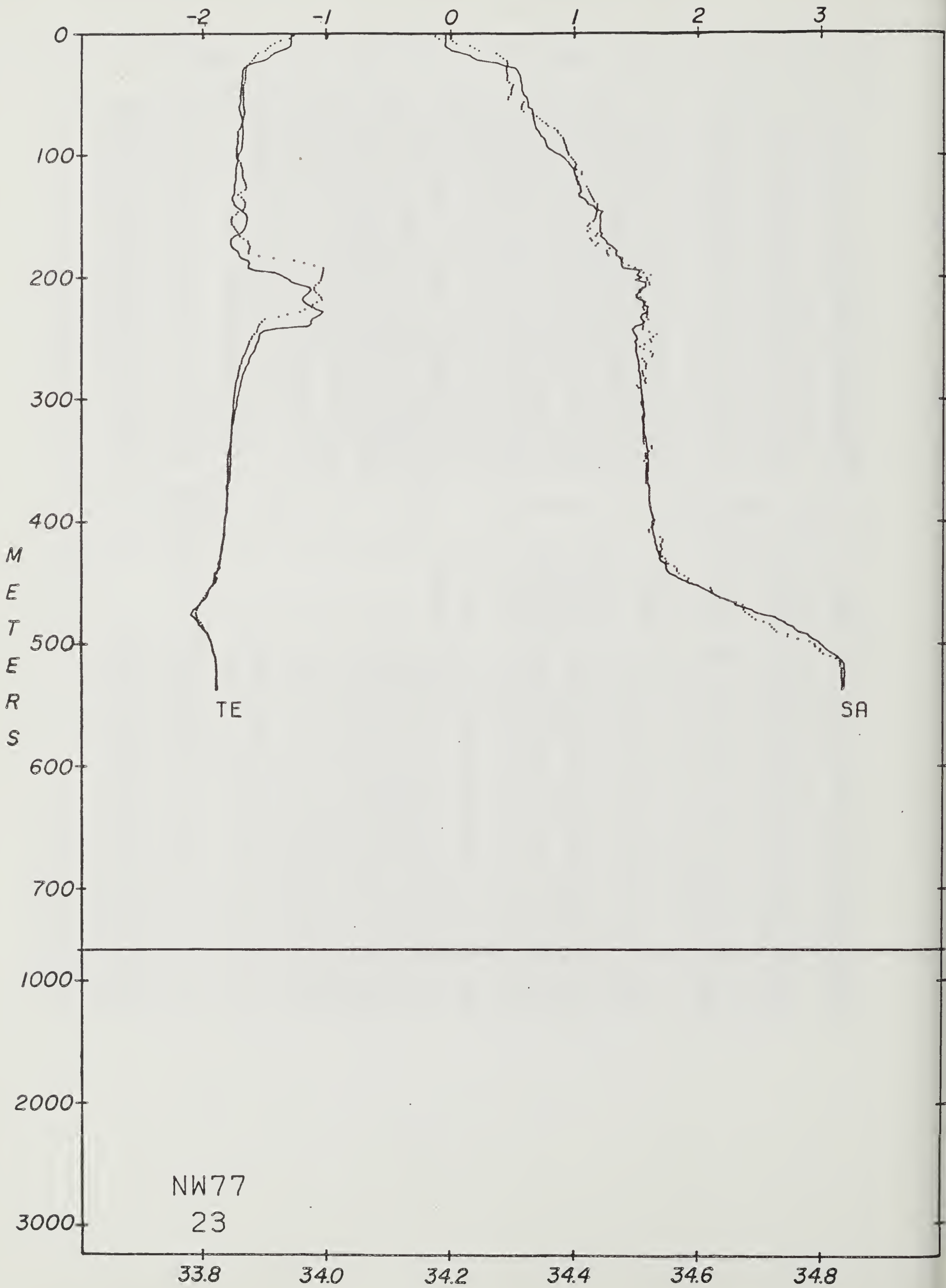
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 78 13.2S 176 11.5W 569 591 1007.9 180 4 -6.9 0 250 0 1717 22DEC76 NW 77 1 22

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.147	-1.147	.732	34.283	27.597	29.996	32.365	37.016	50.08	0.000	1443.0	0
10	-1.224	-1.224	.663	34.287	27.604	30.003	32.374	37.027	49.44	.005	1442.8	10
20	-1.259	-1.260	.635	34.291	27.608	30.008	32.379	37.033	49.02	.010	1442.8	20
30	-1.394	-1.395	.509	34.313	27.630	30.033	32.405	37.063	46.84	.015	1442.4	30
40	-1.620	-1.621	.292	34.342	27.660	30.066	32.442	37.107	43.90	.019	1441.5	40
50	-1.743	-1.744	.177	34.358	27.676	30.084	32.462	37.131	42.31	.024	1441.1	50
60	-1.801	-1.802	.128	34.372	27.689	30.097	32.476	37.146	41.06	.028	1441.0	60
70	-1.827	-1.828	.111	34.381	27.697	30.106	32.485	37.155	40.23	.032	1441.1	71
80	-1.838	-1.840	.107	34.386	27.701	30.111	32.490	37.161	39.74	.036	1441.2	81
90	-1.879	-1.880	.074	34.392	27.707	30.117	32.497	37.170	39.08	.040	1441.2	91
100	-1.826	-1.828	.135	34.404	27.715	30.124	32.503	37.174	38.27	.044	1441.6	101
125	-1.696	-1.699	.286	34.441	27.742	30.149	32.526	37.192	35.67	.053	1442.7	126
150	-1.661	-1.665	.340	34.447	27.746	30.152	32.528	37.194	35.18	.062	1443.3	151
175	-1.559	-1.564	.463	34.468	27.760	30.165	32.540	37.201	33.73	.070	1444.2	176
200	-1.642	-1.646	.400	34.481	27.773	30.179	32.555	37.219	32.36	.079	1444.3	202
225	-1.802	-1.807	.259	34.492	27.786	30.194	32.573	37.242	30.88	.086	1443.9	227
250	-1.806	-1.812	.275	34.512	27.803	30.211	32.590	37.259	29.15	.094	1444.3	252
275	-1.822	-1.829	.278	34.522	27.811	30.219	32.598	37.267	28.24	.101	1444.7	277
300	-1.858	-1.865	.262	34.532	27.820	30.229	32.608	37.279	27.20	.108	1445.0	302
325	-1.892	-1.899	.249	34.551	27.836	30.246	32.625	37.297	25.49	.115	1445.2	328
350	-1.866	-1.875	.294	34.566	27.848	30.257	32.636	37.307	24.28	.121	1445.8	353
375	-1.893	-1.902	.288	34.601	27.877	30.287	32.666	37.337	21.37	.127	1446.1	378
400	-2.148	-2.157	.055	34.659	27.930	30.343	32.726	37.405	15.96	.131	1445.4	403
425	-2.227	-2.236	.001	34.716	27.978	30.392	32.776	37.457	11.18	.135	1445.6	429
450	-2.066	-2.076	.181	34.746	27.998	30.410	32.791	37.467	9.29	.137	1446.8	454
475	-2.007	-2.018	.260	34.770	28.017	30.427	32.808	37.481	7.52	.139	1447.5	479
500	-1.975	-1.987	.313	34.791	28.034	30.444	32.824	37.496	5.83	.141	1448.1	504
550	-1.947	-1.961	.379	34.815	28.052	30.462	32.841	37.512	3.83	.143	1449.1	555
589	-1.924	-1.939	.434	34.834	28.067	30.476	32.855	37.525	2.31	.145	1449.9	594

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 78 12.2S 175 58.0W 569 591 1007.9 180 7 -7.4 0 0 0 1823 22DEC76 NW 77 2 22

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.22	-1.22	0.66	34.291	27.61	30.01							2	22
75	-1.87	-1.87	0.07	34.390	27.71	30.12							2	22
191	-1.61	-1.61	0.42	34.472	27.77	30.17							2	22
384	-1.89	-1.90	0.30	34.613	27.89	30.30							2	22
432	-2.20	-2.21	0.03	34.703	27.97	30.38	6.55	74	2.19	-0.64			2	22
589	-1.92	-1.94	0.44	34.834	28.07	30.48						C1	2	22

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.199	-1.199	.680	34.285	27.601	30.000	32.370	37.022	49.76	0.000	1442.8	0
10	-1.231	-1.231	.655	34.287	27.604	30.004	32.374	37.027	49.42	.005	1442.8	10
20	-1.240	-1.241	.655	34.310	27.623	30.023	32.393	37.047	47.59	.010	1442.9	20
30	-1.678	-1.678	.227	34.343	27.662	30.069	32.446	37.113	43.74	.014	1441.1	30
40	-1.769	-1.770	.145	34.372	27.688	30.097	32.475	37.143	41.23	.019	1440.9	40
50	-1.830	-1.831	.092	34.376	27.693	30.102	32.482	37.153	40.69	.023	1440.7	50
60	-1.849	-1.851	.080	34.378	27.695	30.104	32.484	37.156	40.45	.027	1440.8	60
70	-1.877	-1.878	.061	34.384	27.701	30.111	32.491	37.163	39.83	.031	1440.9	71
80	-1.858	-1.859	.087	34.387	27.702	30.112	32.491	37.163	39.65	.035	1441.1	81
90	-1.828	-1.829	.125	34.392	27.706	30.115	32.494	37.164	39.25	.039	1441.4	91
100	-1.718	-1.720	.243	34.395	27.705	30.113	32.490	37.157	39.29	.043	1442.1	101
125	-1.693	-1.696	.288	34.420	27.725	30.132	32.509	37.175	37.30	.052	1442.7	126
150	-1.626	-1.629	.376	34.444	27.743	30.149	32.525	37.189	35.46	.061	1443.4	151
175	-1.636	-1.640	.385	34.444	27.743	30.149	32.525	37.189	35.34	.070	1443.8	176
200	-1.672	-1.677	.368	34.455	27.753	30.160	32.536	37.202	34.20	.079	1444.1	202
225	-1.647	-1.653	.414	34.497	27.786	30.192	32.568	37.232	30.97	.087	1444.7	227
250	-1.792	-1.798	.288	34.497	27.790	30.199	32.577	37.246	30.33	.095	1444.4	252
275	-1.819	-1.826	.280	34.499	27.793	30.202	32.580	37.250	29.93	.102	1444.7	277
300	-1.831	-1.838	.288	34.508	27.800	30.209	32.588	37.257	29.10	.110	1445.1	302
325	-1.823	-1.831	.316	34.525	27.814	30.222	32.601	37.271	27.67	.117	1445.5	328
350	-1.848	-1.857	.311	34.545	27.831	30.240	32.618	37.288	25.92	.123	1445.9	353
375	-1.892	-1.901	.289	34.595	27.872	30.282	32.661	37.332	21.79	.129	1446.1	378
400	-2.128	-2.137	.076	34.666	27.935	30.348	32.731	37.408	15.50	.134	1445.5	403
425	-2.211	-2.220	.014	34.706	27.970	30.384	32.768	37.447	11.98	.137	1445.6	429
450	-2.039	-2.049	.207	34.732	27.987	30.398	32.779	37.453	10.44	.140	1446.9	454
475	-1.983	-1.995	.283	34.755	28.004	30.415	32.795	37.467	8.70	.143	1447.6	479
500	-1.949	-1.961	.338	34.777	28.021	30.431	32.810	37.482	7.03	.145	1448.2	504
550	-1.936	-1.950	.390	34.805	28.044	30.453	32.833	37.503	4.63	.147	1449.1	555
586	-1.920	-1.935	.435	34.834	28.067	30.476	32.855	37.524	2.34	.149	1449.9	591



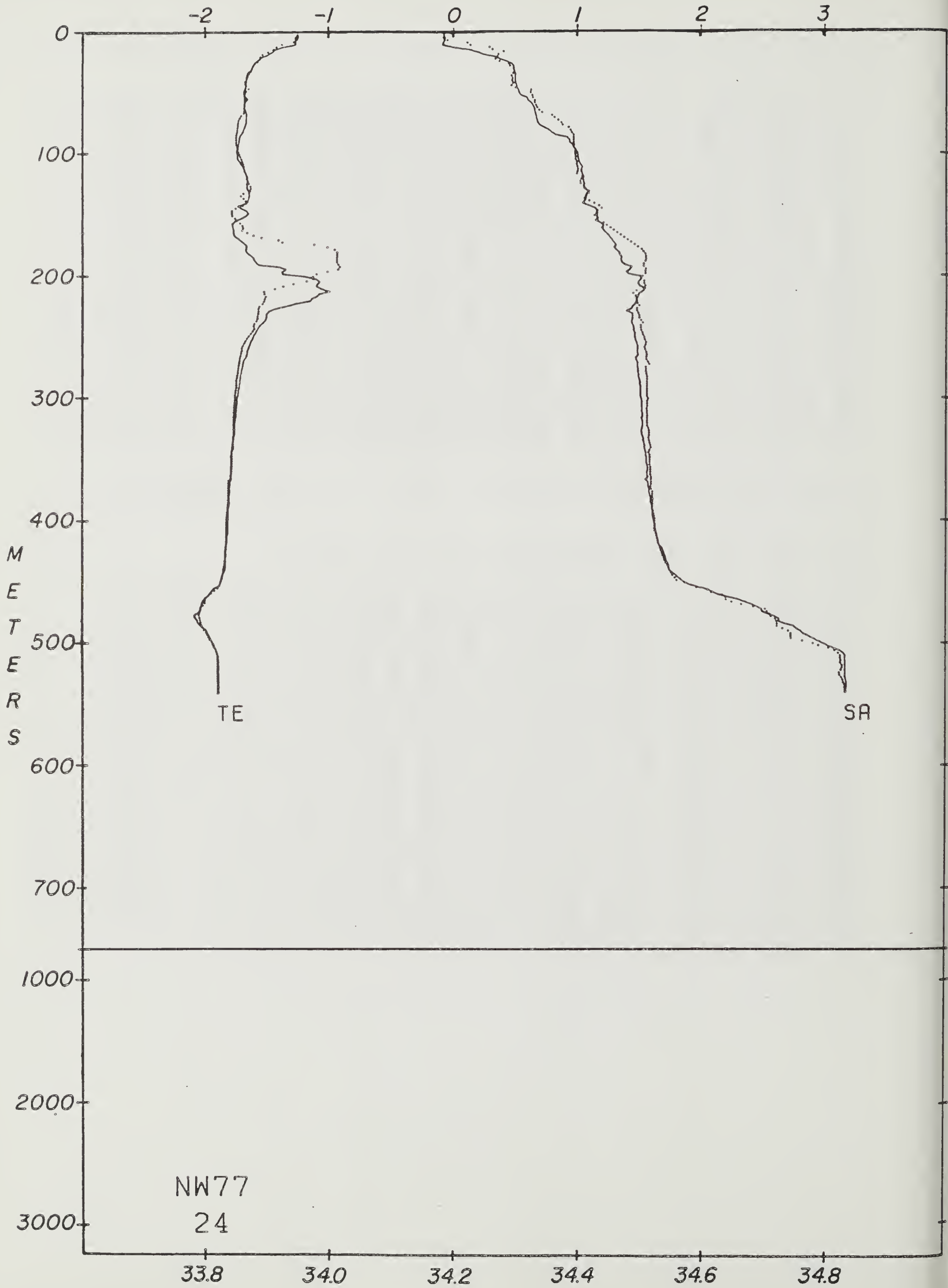
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 17.5S 174 36.0W 569 542 1007.7 200 9 -5.4 0 0 0 2008 22DEC76 NW 77 1 23

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.289	-1.289	.584	34.190	27.527	29.928	32.300	36.956	56.77	0.000	1442.2	0
10	-1.307	-1.307	.574	34.191	27.528	29.930	32.302	36.958	56.58	.006	1442.3	10
20	-1.484	-1.484	.407	34.235	27.570	29.974	32.348	37.010	52.59	.011	1441.7	20
30	-1.692	-1.692	.211	34.308	27.634	30.042	32.419	37.086	46.39	.016	1441.0	30
40	-1.700	-1.701	.210	34.314	27.639	30.047	32.424	37.091	45.87	.021	1441.1	40
50	-1.709	-1.710	.209	34.318	27.643	30.051	32.428	37.096	45.46	.025	1441.2	50
60	-1.720	-1.722	.206	34.327	27.650	30.058	32.435	37.103	44.73	.030	1441.3	60
70	-1.694	-1.696	.240	34.333	27.655	30.062	32.439	37.106	44.21	.034	1441.6	71
80	-1.688	-1.690	.255	34.341	27.661	30.068	32.445	37.112	43.62	.039	1441.9	81
90	-1.694	-1.696	.257	34.354	27.672	30.079	32.456	37.123	42.51	.043	1442.0	91
100	-1.728	-1.730	.232	34.377	27.691	30.098	32.476	37.144	40.62	.047	1442.0	101
125	-1.757	-1.760	.223	34.408	27.717	30.125	32.503	37.171	38.00	.057	1442.4	126
150	-1.654	-1.658	.347	34.440	27.740	30.147	32.523	37.188	35.70	.066	1443.3	151
175	-1.769	-1.773	.252	34.461	27.760	30.168	32.546	37.214	33.64	.075	1443.2	176
200	-1.343	-1.348	.700	34.501	27.781	30.182	32.553	37.208	31.79	.083	1445.7	202
225	-1.107	-1.114	.955	34.518	27.786	30.183	32.551	37.199	31.35	.091	1447.2	227
250	-1.561	-1.567	.520	34.499	27.786	30.191	32.565	37.227	30.93	.099	1445.5	252
275	-1.670	-1.676	.430	34.503	27.792	30.199	32.575	37.240	30.12	.106	1445.4	277
300	-1.735	-1.742	.385	34.510	27.799	30.206	32.583	37.251	29.28	.114	1445.5	302
325	-1.780	-1.788	.358	34.512	27.802	30.210	32.588	37.256	28.83	.121	1445.7	328
350	-1.788	-1.796	.370	34.518	27.807	30.216	32.593	37.262	28.16	.128	1446.1	353
375	-1.813	-1.822	.364	34.521	27.810	30.219	32.597	37.266	27.75	.135	1446.4	378
400	-1.833	-1.843	.363	34.525	27.814	30.223	32.602	37.272	27.17	.142	1446.7	403
425	-1.865	-1.875	.351	34.535	27.823	30.232	32.612	37.282	26.17	.149	1447.0	429
450	-1.918	-1.929	.319	34.587	27.866	30.276	32.656	37.328	21.92	.155	1447.2	454
475	-2.109	-2.120	.154	34.701	27.963	30.375	32.758	37.435	12.40	.159	1446.9	479
500	-1.942	-1.954	.346	34.799	28.039	30.448	32.828	37.499	5.39	.161	1448.3	504
537	-1.895	-1.909	.423	34.834	28.066	30.475	32.853	37.522	2.71	.163	1449.2	542

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 16.0S 174 35.5W 569 542 1007.4 190 11 -4.4 0 0 0 2110 22DEC76 NW 77 2 23

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.27	-1.27	0.60	34.178	27.52	29.92	10.52	55	1.12			C7	2	23
220	-1.12	-1.13	0.94	34.506	27.78	30.17	6.37	69	2.24				2	23

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.261	-1.261	.611	34.174	27.513	29.914	32.285	36.940	58.08	0.000	1442.3	0
10	-1.463	-1.464	.419	34.228	27.563	29.967	32.341	37.002	53.25	.006	1441.6	10
20	-1.601	-1.601	.293	34.285	27.614	30.020	32.396	37.060	48.43	.011	1441.2	20
30	-1.667	-1.668	.235	34.290	27.619	30.026	32.403	37.070	47.86	.015	1441.1	30
40	-1.677	-1.678	.232	34.295	27.623	30.030	32.408	37.075	47.38	.020	1441.2	40
50	-1.688	-1.689	.229	34.296	27.625	30.032	32.409	37.076	47.20	.025	1441.3	50
60	-1.683	-1.684	.243	34.314	27.639	30.046	32.423	37.090	45.78	.030	1441.5	60
70	-1.688	-1.689	.247	34.343	27.663	30.070	32.447	37.114	43.49	.034	1441.7	71
80	-1.726	-1.728	.218	34.372	27.687	30.094	32.472	37.140	41.12	.038	1441.7	81
90	-1.732	-1.734	.220	34.383	27.696	30.104	32.481	37.149	40.18	.042	1441.9	91
100	-1.742	-1.744	.219	34.390	27.702	30.110	32.488	37.156	39.55	.046	1442.0	101
125	-1.659	-1.662	.322	34.411	27.717	30.123	32.500	37.165	38.03	.056	1442.8	126
150	-1.773	-1.776	.228	34.433	27.737	30.145	32.524	37.192	35.92	.063	1442.7	151
175	-1.629	-1.633	.391	34.442	27.741	30.147	32.523	37.187	35.50	.074	1443.8	176
200	-1.050	-1.055	.994	34.518	27.784	30.181	32.547	37.193	31.67	.083	1447.1	202
225	-1.158	-1.165	.904	34.512	27.783	30.182	32.550	37.199	31.55	.091	1447.0	227
250	-1.622	-1.628	.460	34.523	27.807	30.212	32.588	37.251	28.91	.098	1445.2	252
275	-1.717	-1.724	.383	34.512	27.801	30.208	32.584	37.251	29.29	.105	1445.2	277
300	-1.762	-1.769	.357	34.508	27.799	30.206	32.584	37.252	29.30	.113	1445.4	302
325	-1.779	-1.786	.359	34.511	27.801	30.209	32.587	37.255	28.92	.120	1445.7	328
350	-1.810	-1.818	.348	34.513	27.804	30.212	32.590	37.260	28.50	.127	1446.0	353
375	-1.812	-1.821	.365	34.521	27.810	30.219	32.597	37.266	27.75	.134	1446.4	378
400	-1.834	-1.844	.362	34.529	27.817	30.226	32.605	37.275	26.89	.141	1446.7	403
425	-1.867	-1.877	.349	34.538	27.825	30.235	32.614	37.285	25.93	.148	1447.0	429
450	-1.930	-1.941	.307	34.590	27.869	30.279	32.659	37.331	21.63	.154	1447.2	454
475	-2.073	-2.084	.189	34.680	27.945	30.358	32.739	37.415	14.10	.158	1447.1	479
500	-1.939	-1.951	.348	34.787	28.029	30.439	32.818	37.489	6.29	.161	1448.3	504
537	-1.904	-1.917	.414	34.833	28.065	30.474	32.853	37.522	2.75	.162	1449.1	542



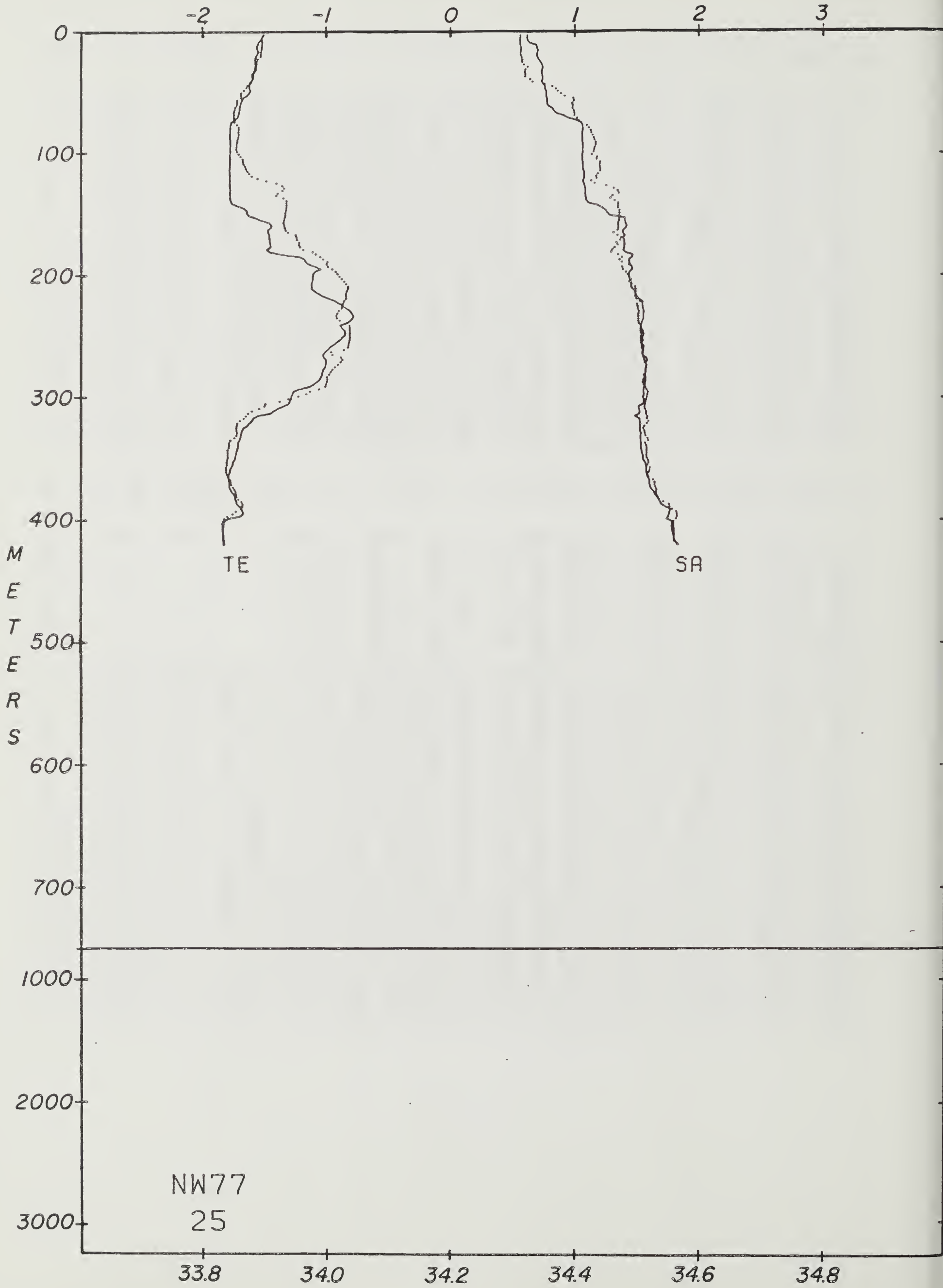
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 16.0S 174 35.4W 569 542 1007.4 190 11 -4.4 0 0 0 2111 22DEC76 NW 77 1 24

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.241	-1.241	.632	34.190	27.525	29.926	32.297	36.951	56.92	0.000	1442.4	0
10	-1.290	-1.291	.590	34.187	27.525	29.927	32.298	36.954	56.89	.006	1442.4	10
20	-1.535	-1.536	.357	34.266	27.596	30.001	32.376	37.039	50.11	.011	1441.5	20
30	-1.621	-1.622	.281	34.299	27.625	30.031	32.408	37.072	47.29	.016	1441.3	30
40	-1.661	-1.661	.249	34.302	27.628	30.035	32.412	37.078	46.91	.021	1441.3	40
50	-1.679	-1.680	.239	34.309	27.634	30.041	32.418	37.085	46.28	.023	1441.4	50
60	-1.677	-1.679	.249	34.330	27.651	30.058	32.435	37.102	44.61	.030	1441.6	60
70	-1.661	-1.663	.273	34.336	27.656	30.063	32.439	37.105	44.13	.034	1441.8	71
80	-1.686	-1.688	.257	34.355	27.672	30.080	32.457	37.123	42.49	.039	1441.9	81
90	-1.723	-1.725	.230	34.390	27.702	30.109	32.487	37.154	39.66	.043	1441.9	91
100	-1.736	-1.738	.225	34.403	27.712	30.120	32.497	37.165	38.61	.047	1442.0	101
125	-1.656	-1.659	.325	34.413	27.718	30.124	32.501	37.166	37.93	.056	1442.8	126
150	-1.671	-1.675	.330	34.433	27.735	30.142	32.518	37.184	36.16	.065	1443.2	151
175	-1.658	-1.662	.364	34.462	27.758	30.164	32.541	37.206	33.87	.074	1443.7	176
200	-1.221	-1.226	.822	34.498	27.774	30.173	32.542	37.194	32.51	.082	1446.3	202
225	-1.395	-1.400	.666	34.487	27.771	30.173	32.545	37.202	32.57	.091	1445.8	227
250	-1.615	-1.621	.465	34.494	27.783	30.189	32.564	37.227	31.16	.099	1445.2	252
275	-1.700	-1.706	.400	34.498	27.789	30.196	32.573	37.238	30.41	.106	1445.2	277
300	-1.740	-1.747	.379	34.504	27.794	30.202	32.579	37.246	29.73	.114	1445.5	302
325	-1.760	-1.768	.378	34.504	27.795	30.203	32.581	37.248	29.49	.121	1445.8	328
350	-1.787	-1.796	.370	34.512	27.802	30.210	32.588	37.257	28.67	.128	1446.1	353
375	-1.802	-1.811	.375	34.516	27.806	30.214	32.592	37.261	28.17	.136	1446.4	378
400	-1.818	-1.827	.378	34.524	27.813	30.221	32.600	37.269	27.34	.143	1446.8	403
425	-1.840	-1.851	.375	34.539	27.826	30.235	32.614	37.283	25.96	.149	1447.1	429
450	-1.881	-1.892	.355	34.575	27.855	30.265	32.644	37.315	22.97	.155	1447.4	454
475	-2.090	-2.101	.173	34.703	27.965	30.377	32.759	37.435	12.29	.160	1447.0	479
500	-1.936	-1.949	.351	34.797	28.037	30.447	32.826	37.497	5.56	.162	1448.3	504
540	-1.896	-1.909	.424	34.834	28.066	30.475	32.853	37.523	2.69	.164	1449.2	545

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 14.6S 174 32.9W 569 542 1007.3 190 14 -4.7 0 0 0 2211 22DEC76 NW 77 2 24

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
47	-1.65	-1.65	0.27	34.325	27.65	30.05	8.79	60	1.68			C7	2	24
111	-1.68	-1.68	0.29	34.403	27.71	30.12	6.78	61	2.11				2	24
173	-0.97	-0.98	1.05	34.503	27.77	30.16	6.33	71	2.21			C7	2	24
189	-0.93	-0.94	1.10	34.509	27.77	30.17	6.33	70	2.24			C7	2	24
197	-1.13	-1.14	0.91	34.504	27.78	30.17	6.41	70	2.39			C7	2	24
335	-1.78	-1.79	0.37	34.517	27.81	30.21	6.81	66	2.17				2	24
468	-2.03	-2.04	0.23	34.663	27.93	30.34	6.62	75	2.21				2	24
508	-1.93	-1.94	0.36	34.792	28.03	30.44	6.76	75	2.17			C7	2	24
540	-1.90	-1.91	0.42	34.834	28.07	30.48	6.65	75	2.25				2	24

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.237	-1.237	.636	34.180	27.517	29.918	32.288	36.943	57.69	0.000	1442.4	0
10	-1.381	-1.381	.502	34.241	27.571	29.974	32.347	37.005	52.48	.006	1442.0	10
20	-1.548	-1.548	.345	34.271	27.600	30.005	32.381	37.044	49.70	.011	1441.4	20
30	-1.617	-1.617	.285	34.298	27.624	30.030	32.407	37.072	47.36	.015	1441.3	30
40	-1.671	-1.672	.238	34.298	27.626	30.033	32.410	37.077	47.13	.020	1441.2	40
50	-1.673	-1.674	.246	34.326	27.649	30.056	32.433	37.099	44.92	.025	1441.4	50
60	-1.677	-1.678	.250	34.335	27.656	30.063	32.440	37.106	44.21	.029	1441.6	60
70	-1.719	-1.720	.217	34.365	27.681	30.089	32.466	37.134	41.70	.034	1441.6	71
80	-1.738	-1.740	.207	34.390	27.702	30.110	32.488	37.156	39.66	.038	1441.7	81
90	-1.748	-1.750	.206	34.396	27.707	30.115	32.493	37.161	39.15	.042	1441.8	91
100	-1.720	-1.723	.241	34.398	27.708	30.115	32.493	37.160	39.03	.045	1442.1	101
125	-1.635	-1.638	.346	34.409	27.715	30.121	32.497	37.161	38.27	.055	1442.9	126
150	-1.774	-1.778	.226	34.432	27.737	30.145	32.523	37.192	35.98	.064	1442.7	151
175	-1.049	-1.054	.975	34.496	27.767	30.163	32.530	37.175	33.40	.073	1446.6	176
200	-1.126	-1.132	.917	34.507	27.778	30.175	32.543	37.192	32.21	.081	1446.7	202
225	-1.564	-1.570	.497	34.499	27.785	30.190	32.565	37.226	31.09	.089	1445.1	227
250	-1.662	-1.668	.419	34.509	27.796	30.202	32.578	37.243	29.88	.097	1445.0	252
275	-1.734	-1.741	.366	34.511	27.800	30.207	32.584	37.251	29.35	.104	1445.1	277
300	-1.763	-1.770	.357	34.514	27.804	30.211	32.589	37.257	28.83	.111	1445.4	302
325	-1.773	-1.781	.365	34.515	27.805	30.212	32.590	37.258	28.58	.119	1445.8	328
350	-1.789	-1.797	.369	34.517	27.806	30.215	32.593	37.261	28.28	.126	1446.1	353
375	-1.815	-1.824	.362	34.520	27.809	30.218	32.596	37.265	27.83	.133	1446.4	378
400	-1.833	-1.842	.363	34.525	27.814	30.223	32.601	37.271	27.23	.140	1446.7	403
425	-1.837	-1.848	.378	34.536	27.823	30.231	32.610	37.280	26.23	.146	1447.1	429
450	-1.883	-1.894	.354	34.572	27.854	30.263	32.643	37.314	23.12	.153	1447.4	454
475	-2.060	-2.071	.204	34.709	27.969	30.380	32.762	37.437	11.96	.157	1447.2	479
500	-1.941	-1.953	.345	34.780	28.023	30.433	32.812	37.483	6.83	.159	1448.2	504
540	-1.901	-1.914	.419	34.833	28.065	30.474	32.853	37.522	2.75	.161	1449.2	545



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 19.1S 172 13.2W 569 423 1005.4 150 17 -3.2 0 100 0 45 23DEC76 NW 77 1 25

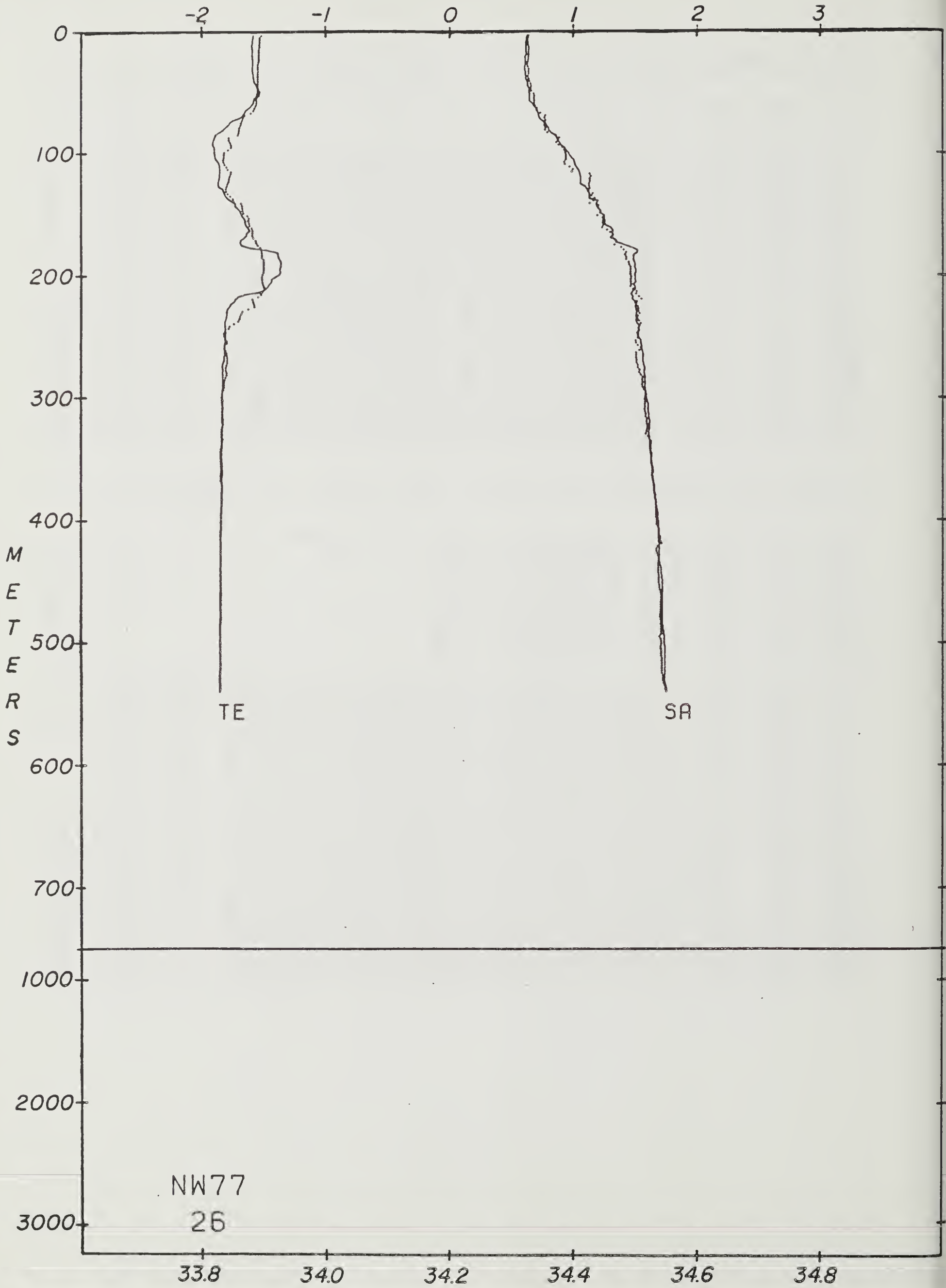
DPTH TEMP POTEM T>TF SALIN SGM-T SGM.5 OXYG SIL PHOS 0-18 TRIT FLAG M STN
1 -1.61 -1.61 0.27 34.313 27.64 30.04 -0.53 0.71 C1 1 25

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SCUNOV	PRES
0	-1.524	-1.524	.357	34.325	27.643	30.048	32.423	37.084	45.74	0.000	1441.3	0
10	-1.567	-1.567	.322	34.337	27.654	30.060	32.435	37.098	44.61	.005	1441.3	10
20	-1.583	-1.583	.314	34.341	27.658	30.063	32.439	37.102	44.25	.009	1441.4	20
30	-1.581	-1.582	.324	34.348	27.664	30.069	32.444	37.108	43.63	.013	1441.5	30
40	-1.620	-1.621	.292	34.347	27.664	30.070	32.446	37.111	43.50	.018	1441.5	40
50	-1.630	-1.631	.290	34.354	27.670	30.076	32.452	37.117	42.92	.022	1441.6	50
60	-1.706	-1.707	.223	34.359	27.676	30.083	32.460	37.128	42.30	.026	1441.5	60
70	-1.730	-1.731	.208	34.390	27.702	30.110	32.487	37.155	39.74	.030	1441.6	71
80	-1.786	-1.787	.161	34.413	27.722	30.130	32.508	37.177	37.94	.034	1441.5	81
90	-1.785	-1.787	.169	34.413	27.722	30.130	32.508	37.177	37.77	.038	1441.7	91
100	-1.787	-1.789	.175	34.412	27.721	30.130	32.508	37.177	37.75	.042	1441.8	101
125	-1.787	-1.789	.194	34.415	27.724	30.132	32.511	37.180	37.35	.051	1442.2	126
150	-1.631	-1.634	.371	34.458	27.754	30.160	32.536	37.200	34.41	.060	1443.4	151
175	-1.461	-1.465	.562	34.480	27.767	30.170	32.543	37.202	33.14	.069	1444.7	176
200	-1.117	-1.123	.925	34.488	27.762	30.160	32.528	37.176	33.68	.077	1446.7	202
225	-.856	-.863	1.207	34.510	27.770	30.164	32.527	37.168	33.00	.085	1448.4	227
250	-.876	-.883	1.206	34.510	27.771	30.165	32.529	37.170	32.86	.094	1448.7	252
275	-1.024	-1.033	1.076	34.514	27.780	30.176	32.542	37.188	31.80	.102	1448.4	277
300	-1.297	-1.306	.822	34.511	27.787	30.188	32.558	37.212	30.79	.109	1447.6	302
325	-1.685	-1.693	.453	34.505	27.794	30.201	32.577	37.243	29.65	.117	1446.2	328
350	-1.752	-1.761	.405	34.511	27.801	30.208	32.586	37.253	28.82	.124	1446.3	353
375	-1.777	-1.786	.400	34.526	27.814	30.221	32.599	37.268	27.44	.131	1446.6	378
400	-1.830	-1.839	.368	34.556	27.839	30.248	32.626	37.296	24.86	.138	1446.8	403
419	-1.830	-1.840	.383	34.566	27.847	30.256	32.634	37.304	24.01	.143	1447.1	423

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 18.5S 172 16.9W 569 423 1005.0 100 17 -1.8 0 1200 0 151 23DEC76 NW 77 2 25

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
15	-1.54	-1.54	0.35	34.311	27.63	30.04		55				C7	2	25
58	-1.73	-1.73	0.20	34.382	27.70	30.10		58				C7	2	25
153	-1.35	-1.35	0.66	34.472	27.76	30.16				-0.52	0.44	C7	2	25
169	-1.25	-1.25	0.77	34.484	27.76	30.16						C7	2	25
232	-0.92	-0.93	1.15	34.503	27.77	30.16					0.48	C8	2	25
262	-0.97	-0.98	1.12	34.540	27.80	30.19		74		-0.37		C7	2	25
300	-1.51	-1.52	0.61	34.526	27.81	30.21							2	25
367	-1.78	-1.79	0.39	34.529	27.82	30.22		65				C7	2	25
395	-1.70	-1.71	0.49	34.566	27.84	30.25							2	25
419	-1.83	-1.84	0.38	34.568	27.85	30.26				-0.47	0.44	C7	2	25

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNOV	PRES
0	-1.508	-1.508	.372	34.313	27.633	30.037	32.412	37.073	46.70	0.000	1441.3	0
10	-1.530	-1.530	.358	34.312	27.633	30.038	32.413	37.075	46.61	.005	1441.4	10
20	-1.546	-1.546	.350	34.315	27.636	30.041	32.415	37.078	46.34	.009	1441.5	20
30	-1.588	-1.589	.315	34.322	27.643	30.048	32.424	37.088	45.62	.014	1441.5	30
40	-1.613	-1.614	.299	34.335	27.654	30.060	32.436	37.101	44.47	.018	1441.5	40
50	-1.693	-1.694	.229	34.377	27.690	30.097	32.474	37.141	41.02	.023	1441.4	50
60	-1.732	-1.734	.198	34.396	27.707	30.115	32.492	37.160	39.34	.027	1441.4	60
70	-1.758	-1.759	.181	34.404	27.714	30.122	32.500	37.168	38.65	.031	1441.4	71
80	-1.716	-1.718	.231	34.425	27.730	30.137	32.515	37.181	37.05	.034	1441.8	81
90	-1.728	-1.730	.227	34.433	27.737	30.144	32.521	37.189	36.37	.038	1442.0	91
100	-1.715	-1.718	.247	34.429	27.733	30.140	32.517	37.184	36.67	.042	1442.2	101
125	-1.388	-1.391	.594	34.442	27.734	30.136	32.508	37.165	36.52	.051	1444.2	126
150	-1.344	-1.348	.659	34.472	27.757	30.158	32.529	37.184	34.30	.060	1444.8	151
175	-1.225	-1.230	.796	34.467	27.749	30.148	32.518	37.169	34.99	.068	1445.8	176
200	-.900	-.906	1.142	34.488	27.754	30.149	32.513	37.155	34.55	.077	1447.7	202
225	-.881	-.888	1.181	34.502	27.765	30.159	32.523	37.164	33.47	.086	1448.3	227
250	-.816	-.824	1.265	34.507	27.766	30.159	32.523	37.162	33.31	.094	1449.0	252
275	-.949	-.957	1.152	34.515	27.778	30.173	32.538	37.181	32.02	.102	1448.8	277
300	-1.312	-1.320	.808	34.515	27.791	30.192	32.563	37.216	30.40	.110	1447.5	302
325	-1.734	-1.742	.404	34.512	27.801	30.208	32.585	37.252	29.00	.117	1445.9	328
350	-1.808	-1.816	.350	34.519	27.808	30.217	32.595	37.264	28.06	.124	1446.0	353
375	-1.743	-1.752	.435	34.532	27.818	30.225	32.602	37.270	27.11	.131	1446.8	378
400	-1.840	-1.850	.358	34.560	27.843	30.252	32.630	37.300	24.48	.138	1446.7	403
419	-1.832	-1.842	.381	34.568	27.849	30.257	32.636	37.305	23.85	.142	1447.1	423



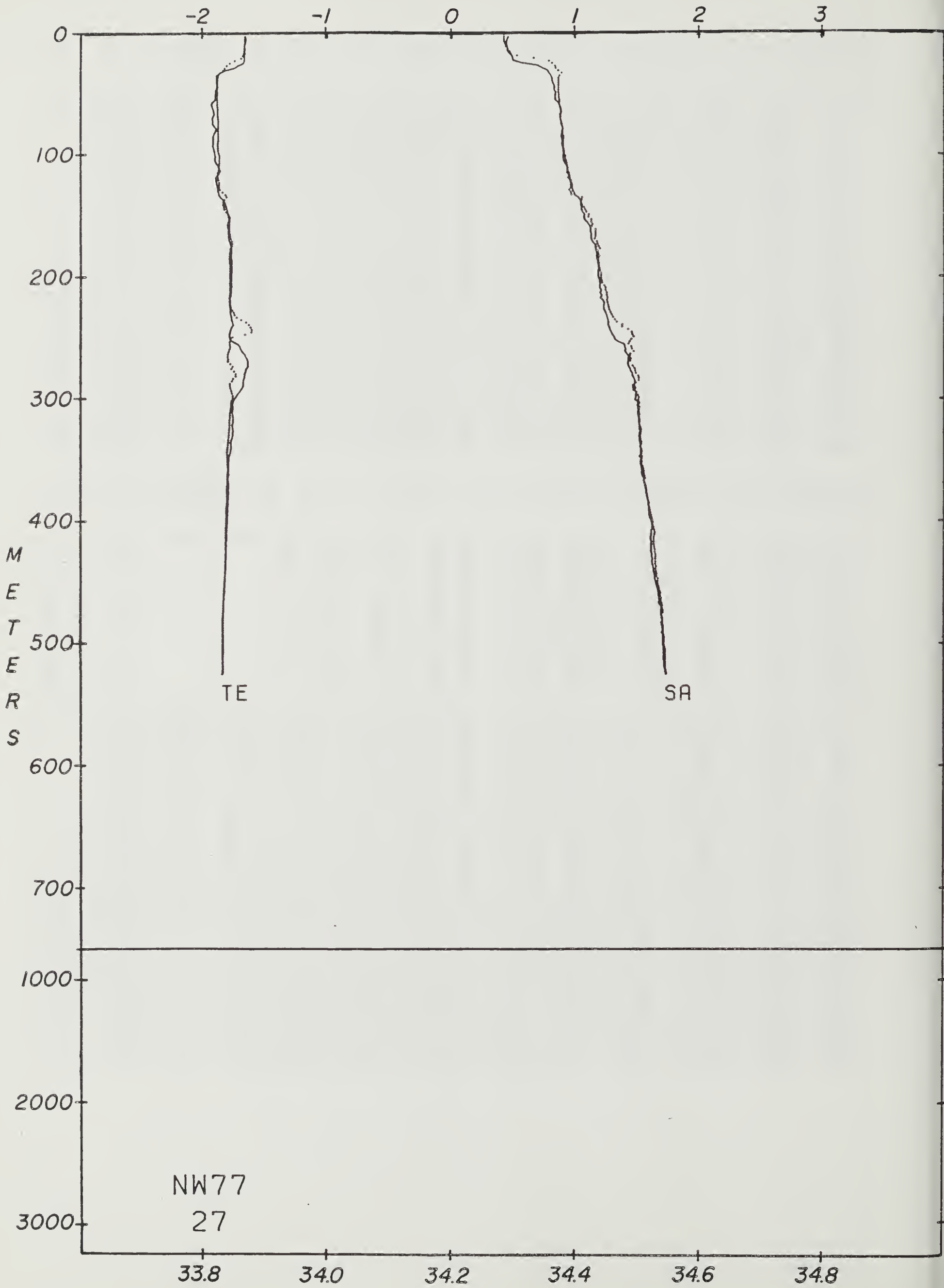
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 18.9S 170 0.4W 569 544 1004.0 90 18 -1.7 0 775 0 530 23DEC76 NW 77 1 26

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.584	-1.594	.297	34.330	27.649	30.054	32.430	37.094	45.19	0.000	1441.0	0
10	-1.600	-1.600	.289	34.324	27.644	30.050	32.426	37.090	45.55	.005	1441.1	10
20	-1.596	-1.596	.300	34.323	27.644	30.050	32.425	37.089	45.56	.009	1441.3	20
30	-1.595	-1.596	.308	34.322	27.643	30.049	32.424	37.089	45.60	.014	1441.4	30
40	-1.579	-1.580	.332	34.325	27.645	30.051	32.426	37.090	45.34	.018	1441.7	40
50	-1.540	-1.541	.379	34.330	27.648	30.053	32.427	37.090	45.04	.023	1442.0	50
60	-1.609	-1.610	.318	34.336	27.655	30.061	32.437	37.101	44.27	.027	1441.9	60
70	-1.705	-1.706	.231	34.346	27.665	30.073	32.450	37.117	43.21	.032	1441.6	71
80	-1.839	-1.841	.105	34.362	27.682	30.091	32.471	37.142	41.57	.036	1441.2	81
90	-1.917	-1.919	.035	34.379	27.697	30.108	32.489	37.162	40.03	.040	1441.0	91
100	-1.900	-1.902	.061	34.395	27.710	30.120	32.501	37.173	38.79	.044	1441.3	101
125	-1.868	-1.871	.113	34.416	27.726	30.136	32.516	37.187	37.08	.053	1441.8	126
150	-1.676	-1.680	.326	34.447	27.747	30.153	32.530	37.195	35.09	.062	1443.2	151
175	-1.644	-1.648	.379	34.488	27.779	30.185	32.561	37.225	31.92	.071	1443.8	176
200	-1.409	-1.414	.634	34.501	27.782	30.185	32.557	37.214	31.60	.079	1445.4	202
225	-1.789	-1.794	.273	34.501	27.793	30.201	32.579	37.248	30.24	.086	1444.0	227
250	-1.817	-1.822	.264	34.507	27.799	30.207	32.586	37.255	29.54	.094	1444.3	252
275	-1.836	-1.842	.264	34.516	27.806	30.215	32.594	37.264	28.64	.101	1444.6	277
300	-1.836	-1.843	.284	34.520	27.810	30.218	32.597	37.267	28.19	.108	1445.0	302
325	-1.840	-1.848	.299	34.523	27.813	30.222	32.601	37.271	27.74	.115	1445.4	328
350	-1.843	-1.851	.315	34.527	27.816	30.225	32.604	37.274	27.33	.122	1445.9	353
375	-1.844	-1.853	.334	34.532	27.820	30.229	32.608	37.278	26.80	.129	1446.3	378
400	-1.851	-1.861	.345	34.538	27.825	30.234	32.613	37.284	26.13	.135	1446.7	403
425	-1.855	-1.865	.361	34.540	27.826	30.236	32.615	37.285	25.86	.142	1447.1	429
450	-1.857	-1.868	.378	34.545	27.830	30.240	32.619	37.289	25.33	.148	1447.5	454
475	-1.860	-1.872	.393	34.545	27.831	30.240	32.619	37.290	25.17	.155	1447.9	479
500	-1.862	-1.874	.411	34.548	27.833	30.243	32.622	37.292	24.76	.161	1448.3	504
539	-1.864	-1.877	.439	34.551	27.836	30.245	32.624	37.295	24.33	.170	1448.9	544

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 19.0S 170 8.6W 569 544 1004.0 100 22 -1.7 0 0 0 641 23DEC76 NW 77 2 26

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.52	-1.52	0.36	34.327	27.64	30.05	9.17	54	1.52			C7	2	26
20	-1.55	-1.55	0.35	34.325	27.64	30.05	9.17	55	1.53			C7	2	26
46	-1.55	-1.55	0.37	34.336	27.65	30.06	9.11	54	1.53			C7	2	26
64	-1.61	-1.61	0.32	34.341	27.66	30.06		55	1.65				2	26
79	-1.71	-1.71	0.23	34.356	27.67	30.08	8.18	63	2.04			C7	2	26
112	-1.80	-1.80	0.17	34.409	27.72	30.13	7.39	64	2.04			C7	2	26
133	-1.79	-1.79	0.20	34.430	27.74	30.14	7.39	64	2.08			C7	2	26
152	-1.59	-1.59	0.41	34.452	27.75	30.15	7.20	64	2.09				2	26
214	-1.53	-1.54	0.52	34.500	27.79	30.19	7.19	63	2.09			C7	2	26
223	-1.58	-1.59	0.48	34.502	27.79	30.19	7.27	63	2.12			C7	2	26
326	-1.85	-1.86	0.29	34.526	27.82	30.22	7.19	64	2.14			C7	2	26
541	-1.86	-1.87	0.44	34.550	27.83	30.24	7.20	64	2.15				2	26

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.525	-1.525	.356	34.330	27.647	30.052	32.426	37.088	45.35	0.000	1441.3	0
10	-1.542	-1.543	.346	34.328	27.646	30.051	32.426	37.088	45.38	.005	1441.4	10
20	-1.547	-1.547	.349	34.328	27.647	30.051	32.426	37.089	45.30	.009	1441.5	20
30	-1.556	-1.556	.348	34.328	27.647	30.052	32.427	37.090	45.21	.014	1441.6	30
40	-1.555	-1.556	.357	34.330	27.649	30.054	32.429	37.092	45.00	.018	1441.8	40
50	-1.563	-1.564	.357	34.336	27.654	30.059	32.434	37.097	44.47	.023	1441.9	50
60	-1.574	-1.576	.353	34.339	27.656	30.061	32.437	37.100	44.17	.027	1442.1	60
70	-1.673	-1.675	.262	34.354	27.671	30.078	32.454	37.121	42.69	.031	1441.8	71
80	-1.707	-1.709	.236	34.356	27.673	30.081	32.458	37.126	42.40	.036	1441.8	81
90	-1.779	-1.781	.173	34.373	27.689	30.098	32.476	37.145	40.83	.040	1441.6	91
100	-1.831	-1.833	.130	34.389	27.704	30.113	32.492	37.163	39.37	.044	1441.6	101
125	-1.803	-1.806	.178	34.426	27.733	30.141	32.520	37.189	36.51	.053	1442.2	126
150	-1.645	-1.649	.356	34.441	27.741	30.147	32.523	37.188	35.66	.062	1443.4	151
175	-1.542	-1.546	.480	34.472	27.763	30.168	32.542	37.203	33.47	.071	1444.3	176
200	-1.519	-1.524	.523	34.493	27.780	30.184	32.557	37.218	31.79	.079	1444.8	202
225	-1.605	-1.611	.456	34.505	27.792	30.197	32.572	37.235	30.48	.087	1444.9	227
250	-1.814	-1.820	.267	34.504	27.796	30.205	32.583	37.253	29.76	.094	1444.3	252
275	-1.813	-1.819	.287	34.505	27.797	30.206	32.584	37.254	29.51	.102	1444.7	277
300	-1.845	-1.852	.275	34.516	27.807	30.216	32.595	37.265	28.41	.109	1445.0	302
325	-1.846	-1.854	.293	34.519	27.810	30.219	32.598	37.268	28.03	.116	1445.4	328
350	-1.853	-1.861	.305	34.527	27.816	30.225	32.604	37.274	27.30	.123	1445.8	353
375	-1.845	-1.854	.332	34.532	27.820	30.229	32.608	37.278	26.75	.130	1446.3	378
400	-1.852	-1.861	.345	34.536	27.823	30.232	32.611	37.282	26.32	.136	1446.7	403
425	-1.856	-1.866	.360	34.535	27.823	30.232	32.611	37.282	26.18	.143	1447.1	429
450	-1.858	-1.869	.377	34.539	27.826	30.235	32.614	37.285	25.76	.149	1447.5	454
475	-1.856	-1.868	.398	34.541	27.828	30.237	32.616	37.287	25.44	.156	1447.9	479
500	-1.861	-1.873	.412	34.543	27.829	30.238	32.618	37.288	25.18	.162	1448.3	504
537	-1.859	-1.872	.443	34.550	27.835	30.244	32.623	37.294	24.43	.171	1448.9	542



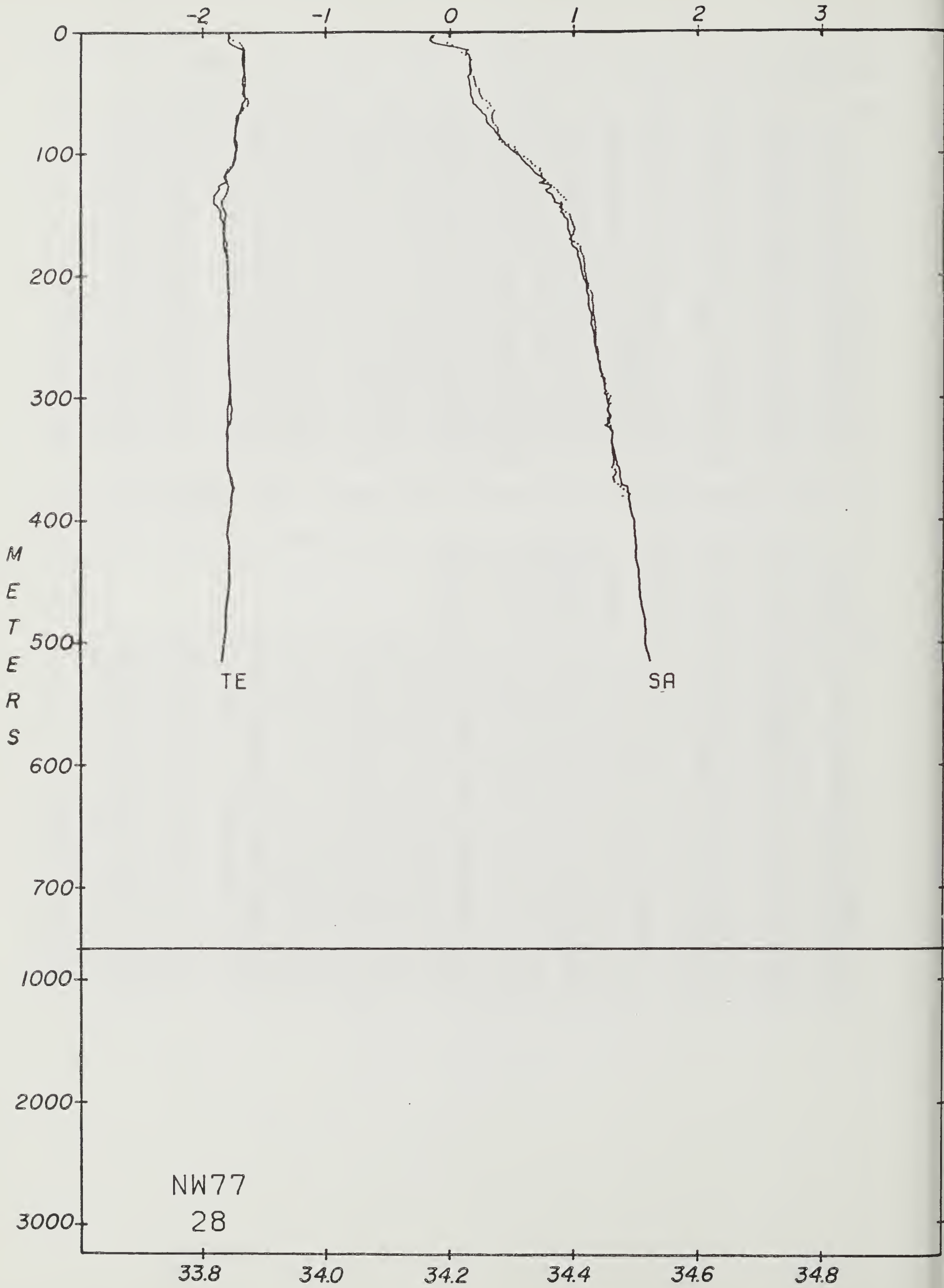
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 21.4S	166 55.7W	568	527	1003.6	80	12	-2.2	0	2100	0	1106	23DEC76	NW	77	1	27

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.663	-1.663	.216	34.290	27.619	30.026	32.403	37.069	48.06	0.000	1440.6	0
10	-1.669	-1.669	.218	34.290	27.619	30.026	32.403	37.070	47.97	.005	1440.7	10
20	-1.669	-1.670	.225	34.298	27.626	30.033	32.410	37.076	47.25	.010	1440.9	20
30	-1.826	-1.827	.079	34.356	27.677	30.086	32.465	37.136	42.38	.014	1440.4	30
40	-1.892	-1.893	.021	34.364	27.685	30.095	32.475	37.148	41.52	.018	1440.3	40
50	-1.904	-1.905	.017	34.368	27.688	30.098	32.479	37.152	41.16	.022	1440.4	50
60	-1.931	-1.933	.002	34.377	27.696	30.107	32.487	37.161	40.36	.026	1440.4	60
70	-1.928	-1.929	.009	34.377	27.696	30.107	32.488	37.161	40.27	.030	1440.6	71
80	-1.907	-1.909	.037	34.379	27.697	30.108	32.488	37.161	40.10	.034	1440.9	81
90	-1.923	-1.925	.029	34.379	27.697	30.108	32.489	37.162	40.02	.039	1441.0	91
100	-1.906	-1.908	.054	34.381	27.699	30.109	32.490	37.163	39.82	.042	1441.2	101
125	-1.888	-1.891	.091	34.396	27.710	30.121	32.501	37.173	38.58	.052	1441.7	126
150	-1.784	-1.787	.216	34.415	27.724	30.132	32.510	37.179	37.22	.062	1442.7	151
175	-1.772	-1.776	.248	34.434	27.738	30.146	32.525	37.193	35.69	.071	1443.2	176
200	-1.770	-1.774	.269	34.439	27.743	30.151	32.529	37.197	35.14	.080	1443.6	202
225	-1.780	-1.785	.279	34.447	27.749	30.158	32.536	37.205	34.35	.088	1444.0	227
250	-1.774	-1.780	.305	34.465	27.764	30.172	32.550	37.219	32.82	.097	1444.4	252
275	-1.656	-1.663	.443	34.489	27.780	30.187	32.563	37.227	31.23	.105	1445.4	277
300	-1.755	-1.762	.364	34.498	27.790	30.198	32.575	37.243	30.11	.112	1445.4	302
325	-1.760	-1.768	.378	34.506	27.797	30.205	32.582	37.250	29.34	.120	1445.8	328
350	-1.795	-1.803	.362	34.506	27.797	30.205	32.583	37.252	29.12	.127	1446.1	353
375	-1.798	-1.808	.378	34.515	27.805	30.213	32.592	37.261	28.23	.134	1446.5	378
400	-1.809	-1.818	.387	34.523	27.812	30.221	32.599	37.268	27.41	.141	1446.8	403
425	-1.819	-1.829	.396	34.523	27.812	30.221	32.599	37.269	27.24	.148	1447.2	429
450	-1.828	-1.839	.406	34.531	27.818	30.227	32.606	37.276	26.50	.155	1447.6	454
475	-1.845	-1.856	.409	34.539	27.825	30.235	32.614	37.284	25.67	.161	1447.9	479
500	-1.848	-1.860	.425	34.542	27.828	30.237	32.616	37.287	25.29	.168	1448.3	504
523	-1.845	-1.858	.446	34.547	27.832	30.241	32.620	37.290	24.80	.174	1448.8	528

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 20.6S	167 2.3W	568	527	1003.4	70	16	-2.2	0	2375	0	1202	23DEC76	NW	77	2	27

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.68	-1.68	0.20	34.288	27.62	30.02							2	27
52	-1.88	-1.88	0.04	34.369	27.69	30.10							2	27
193	-1.77	-1.77	0.26	34.440	27.74	30.15							2	27
319	-1.78	-1.79	0.35	34.504	27.80	30.20							2	27
413	-1.81	-1.82	0.40	34.526	27.81	30.22							2	27
526	-1.87	-1.88	0.42	34.547	27.83	30.24							2	27

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.669	-1.669	.210	34.286	27.616	30.023	32.400	37.066	48.35	0.000	1440.5	0
10	-1.670	-1.670	.217	34.288	27.618	30.025	32.402	37.069	48.09	.005	1440.7	10
20	-1.704	-1.705	.192	34.335	27.657	30.064	32.442	37.109	44.33	.009	1440.8	20
30	-1.845	-1.846	.061	34.372	27.690	30.099	32.479	37.150	41.12	.014	1440.3	30
40	-1.890	-1.891	.024	34.373	27.692	30.102	32.482	37.155	40.89	.018	1440.3	40
50	-1.888	-1.889	.033	34.374	27.692	30.102	32.483	37.155	40.75	.022	1440.5	50
60	-1.888	-1.889	.041	34.376	27.694	30.104	32.485	37.157	40.52	.026	1440.6	60
70	-1.882	-1.884	.055	34.377	27.695	30.105	32.485	37.158	40.38	.030	1440.8	71
80	-1.883	-1.884	.062	34.380	27.698	30.107	32.488	37.160	40.08	.034	1441.0	81
90	-1.885	-1.887	.067	34.381	27.698	30.108	32.488	37.161	39.97	.038	1441.1	91
100	-1.871	-1.873	.090	34.385	27.701	30.111	32.491	37.163	39.63	.042	1441.4	101
125	-1.872	-1.875	.107	34.394	27.708	30.118	32.498	37.170	38.79	.052	1441.8	126
150	-1.794	-1.798	.206	34.423	27.731	30.139	32.518	37.187	36.56	.061	1442.6	151
175	-1.773	-1.777	.247	34.439	27.743	30.151	32.529	37.198	35.25	.070	1443.2	176
200	-1.782	-1.786	.258	34.443	27.746	30.154	32.532	37.201	34.82	.079	1443.5	202
225	-1.772	-1.777	.288	34.455	27.756	30.164	32.542	37.210	33.76	.088	1444.0	227
250	-1.779	-1.785	.301	34.491	27.785	30.193	32.571	37.239	30.88	.096	1444.4	252
275	-1.766	-1.772	.334	34.496	27.789	30.197	32.575	37.242	30.34	.103	1444.9	277
300	-1.775	-1.782	.344	34.502	27.794	30.202	32.580	37.248	29.74	.111	1445.3	302
325	-1.794	-1.801	.344	34.505	27.796	30.205	32.583	37.252	29.33	.118	1445.6	328
350	-1.806	-1.814	.351	34.507	27.799	30.207	32.586	37.255	28.95	.125	1446.0	353
375	-1.811	-1.820	.365	34.515	27.805	30.214	32.592	37.261	28.20	.133	1446.4	378
400	-1.817	-1.827	.379	34.525	27.814	30.222	32.601	37.270	27.24	.140	1446.8	403
425	-1.819	-1.829	.397	34.529	27.817	30.226	32.604	37.274	26.78	.146	1447.2	429
450	-1.832	-1.843	.402	34.534	27.821	30.230	32.609	37.279	26.23	.153	1447.6	454
475	-1.844	-1.855	.410	34.541	27.827	30.236	32.615	37.285	25.51	.159	1448.0	479
500	-1.842	-1.854	.431	34.544	27.830	30.239	32.618	37.288	25.14	.166	1448.4	504
524	-1.849	-1.862	.442	34.547	27.832	30.241	32.620	37.291	24.77	.172	1448.7	529



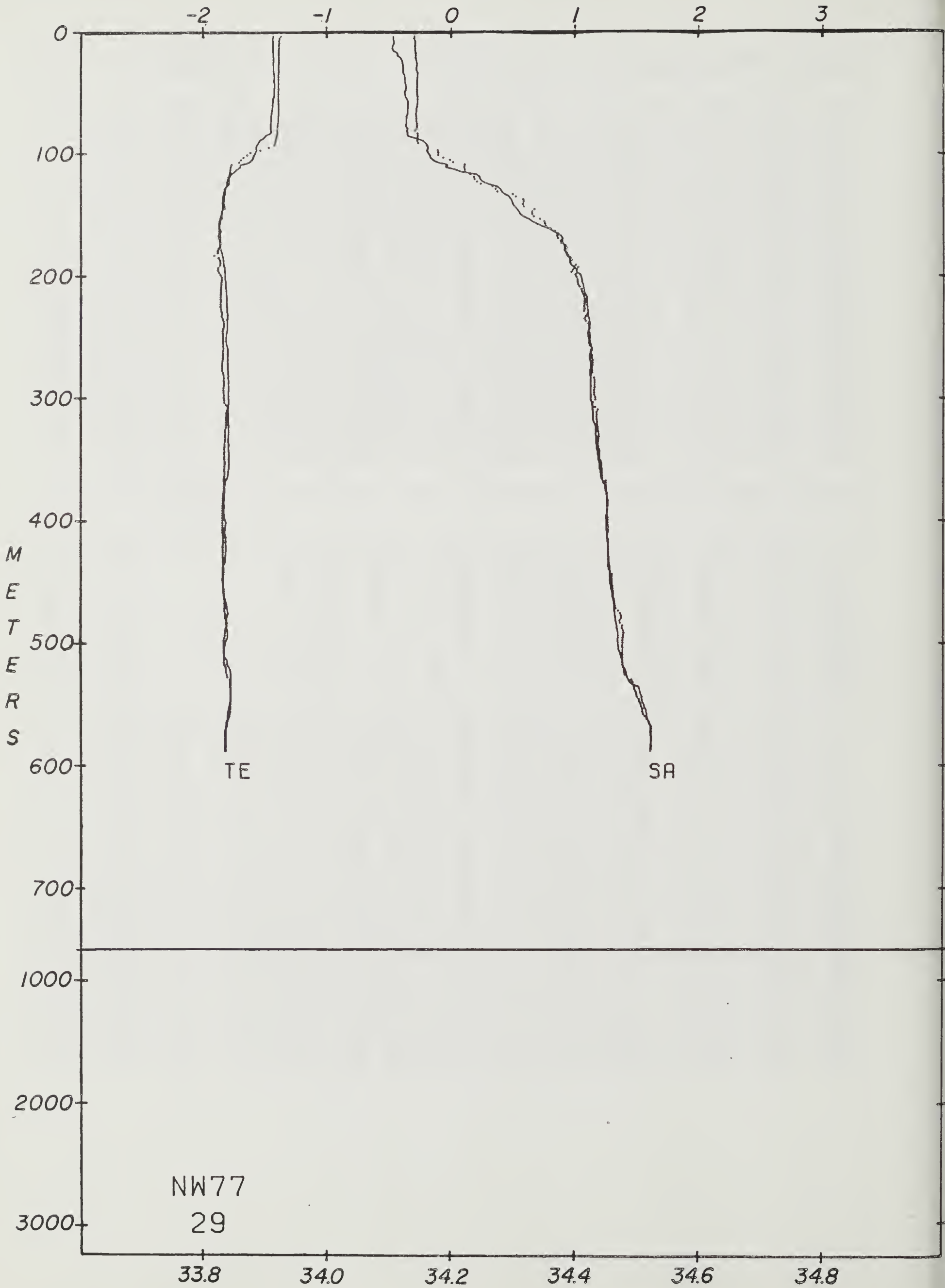
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 23.8S 164 51.3W 568 515 1003.9 100 15 -2.2 1 5850 0 1602 23DEC76 NW 77 1 28

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.783	-1.783	.089	34.173	27.527	29.936	32.315	36.987	56.75	0.000	1439.8	0
10	-1.753	-1.753	.128	34.191	27.541	29.949	32.328	36.999	55.37	.006	1440.2	10
20	-1.680	-1.680	.211	34.233	27.573	29.980	32.358	37.025	52.26	.011	1440.7	20
30	-1.667	-1.667	.232	34.236	27.575	29.982	32.359	37.026	52.03	.016	1441.0	30
40	-1.678	-1.678	.228	34.232	27.573	29.980	32.357	37.025	52.19	.021	1441.1	40
50	-1.660	-1.661	.253	34.235	27.574	29.981	32.358	37.025	51.96	.027	1441.3	50
60	-1.685	-1.686	.237	34.244	27.582	29.989	32.367	37.035	51.17	.032	1441.4	60
70	-1.712	-1.714	.218	34.261	27.596	30.004	32.382	37.050	49.74	.037	1441.5	71
80	-1.735	-1.737	.203	34.273	27.607	30.015	32.393	37.062	48.69	.042	1441.5	81
90	-1.743	-1.745	.204	34.290	27.621	30.030	32.408	37.077	47.26	.047	1441.7	91
100	-1.736	-1.738	.220	34.313	27.639	30.047	32.425	37.094	45.50	.051	1441.9	101
125	-1.858	-1.861	.119	34.355	27.677	30.087	32.466	37.138	41.77	.062	1441.8	126
150	-1.857	-1.861	.141	34.384	27.700	30.110	32.490	37.161	39.42	.072	1442.3	151
175	-1.826	-1.830	.191	34.398	27.711	30.120	32.499	37.170	38.25	.082	1442.8	176
200	-1.794	-1.798	.244	34.416	27.724	30.133	32.511	37.181	36.86	.091	1443.4	202
225	-1.786	-1.791	.272	34.425	27.732	30.140	32.519	37.188	36.00	.100	1443.9	227
250	-1.792	-1.798	.284	34.434	27.739	30.147	32.526	37.195	35.19	.109	1444.3	252
275	-1.788	-1.795	.308	34.443	27.746	30.154	32.533	37.202	34.36	.118	1444.7	277
300	-1.771	-1.778	.345	34.454	27.755	30.163	32.541	37.209	33.43	.127	1445.3	302
325	-1.804	-1.812	.331	34.459	27.760	30.169	32.547	37.217	32.74	.135	1445.5	328
350	-1.801	-1.809	.354	34.469	27.768	30.176	32.555	37.224	31.87	.143	1446.0	353
375	-1.757	-1.766	.418	34.488	27.782	30.190	32.568	37.235	30.42	.151	1446.6	378
400	-1.790	-1.800	.404	34.498	27.791	30.200	32.578	37.246	29.39	.158	1446.9	403
425	-1.785	-1.795	.429	34.501	27.793	30.201	32.579	37.248	29.09	.165	1447.3	429
450	-1.782	-1.794	.450	34.507	27.798	30.206	32.584	37.253	28.49	.173	1447.8	454
475	-1.813	-1.825	.439	34.513	27.804	30.212	32.591	37.260	27.76	.180	1448.1	479
500	-1.832	-1.844	.440	34.516	27.806	30.216	32.594	37.264	27.33	.187	1448.4	504
514	-1.847	-1.860	.436	34.524	27.813	30.222	32.602	37.272	26.59	.190	1448.6	518

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 23.4S 164 51.4W 568 515 1003.8 80 18 -1.7 1 0 0 1703 23DEC76 NW 77 2 28

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.79	-1.79	0.08	34.177	27.53	29.94	7.43	55	1.73			D2	2	28
35	-1.66	-1.66	0.24	34.238	27.58	29.98	8.08	53	1.65			C7	2	28
75	-1.73	-1.73	0.20	34.258	27.59	30.00	7.95	57	1.89				2	28
99	-1.74	-1.74	0.22	34.313	27.64	30.05	7.95	57	2.23			C7	2	28
149	-1.81	-1.81	0.19	34.395	27.71	30.12	7.41	58	2.12			C7	2	28
199	-1.79	-1.79	0.25	34.420	27.73	30.14	7.32	60	2.17			C7	2	28
249	-1.78	-1.79	0.30	34.437	27.74	30.15	6.71	62	2.14			D2	2	28
299	-1.78	-1.79	0.34	34.460	27.76	30.17	7.01	63	2.26			D2C7	2	28
348	-1.79	-1.80	0.36	34.467	27.77	30.17		62	2.20			C7	2	28
398	-1.78	-1.79	0.41	34.497	27.79	30.20	6.80	65	2.20			D2C7	2	28
448	-1.80	-1.81	0.43	34.509	27.80	30.21	6.39	67	2.23			D2	2	28
509	-1.82	-1.83	0.46	34.542	27.83	30.24	6.85	66	2.21			D2C7	2	28

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.783	-1.783	.090	34.175	27.528	29.938	32.317	36.988	56.60	0.000	1439.8	0
10	-1.682	-1.682	.200	34.205	27.551	29.958	32.336	37.004	54.43	.006	1440.5	10
20	-1.658	-1.659	.232	34.233	27.573	29.980	32.357	37.024	52.28	.011	1440.8	20
30	-1.662	-1.663	.236	34.234	27.573	29.980	32.358	37.024	52.18	.016	1441.0	30
40	-1.654	-1.655	.252	34.241	27.579	29.986	32.363	37.030	51.55	.021	1441.2	40
50	-1.673	-1.674	.242	34.250	27.587	29.994	32.371	37.039	50.77	.026	1441.3	50
60	-1.641	-1.642	.282	34.267	27.599	30.006	32.382	37.049	49.54	.031	1441.6	60
70	-1.726	-1.728	.204	34.270	27.604	30.012	32.390	37.059	49.00	.036	1441.4	71
80	-1.736	-1.737	.203	34.279	27.612	30.020	32.398	37.067	48.19	.041	1441.5	81
90	-1.724	-1.726	.223	34.288	27.619	30.027	32.405	37.073	47.48	.046	1441.8	91
100	-1.738	-1.740	.218	34.312	27.639	30.047	32.425	37.093	45.54	.051	1441.9	101
125	-1.793	-1.796	.184	34.363	27.681	30.090	32.469	37.139	41.36	.062	1442.1	126
150	-1.810	-1.814	.188	34.394	27.707	30.116	32.495	37.165	38.80	.072	1442.5	151
175	-1.803	-1.807	.216	34.410	27.719	30.128	32.507	37.177	37.45	.081	1443.0	176
200	-1.793	-1.797	.245	34.421	27.728	30.137	32.516	37.185	36.47	.090	1443.5	202
225	-1.791	-1.796	.266	34.433	27.738	30.146	32.525	37.194	35.42	.099	1443.9	227
250	-1.795	-1.801	.282	34.437	27.741	30.150	32.528	37.198	34.95	.108	1444.3	252
275	-1.783	-1.790	.313	34.444	27.747	30.156	32.534	37.203	34.26	.117	1444.8	277
300	-1.785	-1.792	.331	34.459	27.759	30.168	32.546	37.215	32.99	.125	1445.2	302
325	-1.800	-1.807	.336	34.463	27.763	30.171	32.550	37.219	32.50	.133	1445.6	328
350	-1.795	-1.803	.360	34.466	27.765	30.174	32.552	37.221	32.15	.141	1446.0	353
375	-1.756	-1.765	.419	34.485	27.779	30.187	32.565	37.233	30.70	.149	1446.6	378
400	-1.790	-1.800	.404	34.498	27.791	30.200	32.578	37.246	29.39	.157	1446.9	403
425	-1.785	-1.795	.429	34.501	27.793	30.201	32.579	37.248	29.09	.164	1447.3	429
450	-1.792	-1.794	.450	34.507	27.798	30.206	32.584	37.253	28.49	.171	1447.8	454
475	-1.813	-1.825	.439	34.513	27.804	30.212	32.591	37.260	27.76	.178	1448.1	479
500	-1.832	-1.844	.440	34.516	27.806	30.216	32.594	37.264	27.33	.185	1448.4	504
514	-1.847	-1.860	.436	34.524	27.813	30.222	32.602	37.272	26.59	.189	1448.6	518



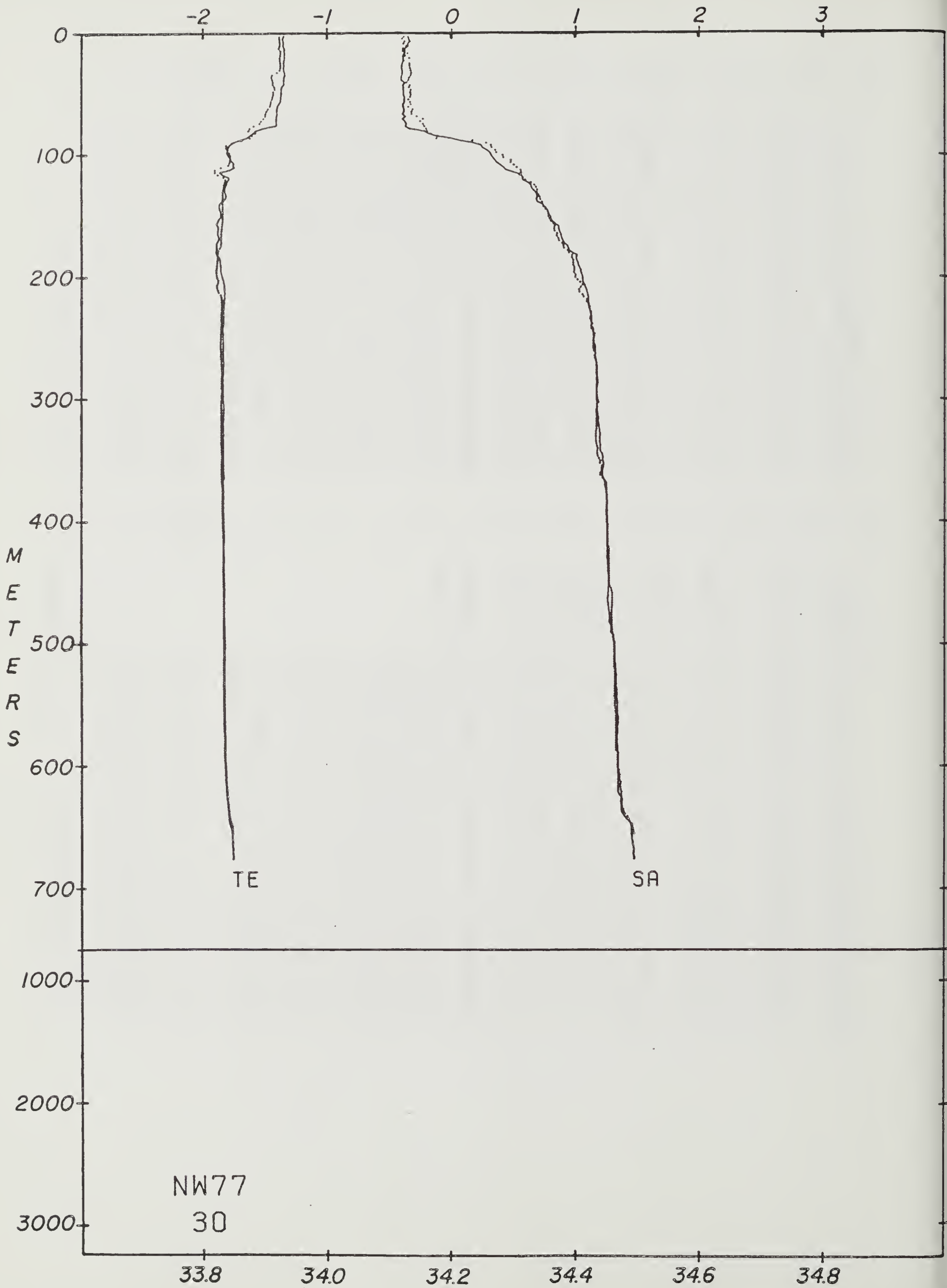
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	1.8S	162	42.2W	568	591	1002.4	100	21	-1.2	2	8500	0	2312	23DEC76	NW	77 1 29

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.430	-1.430	.439	34.107	27.464	29.868	32.242	36.903	62.72	0.000	1441.4	0
10	-1.438	-1.438	.438	34.108	27.465	29.869	32.243	36.905	62.56	.006	1441.5	10
20	-1.432	-1.433	.452	34.120	27.474	29.878	32.253	36.914	61.61	.012	1441.8	20
30	-1.433	-1.434	.459	34.124	27.478	29.882	32.256	36.917	61.25	.019	1441.9	30
40	-1.428	-1.429	.471	34.127	27.480	29.884	32.258	36.919	60.95	.025	1442.1	40
50	-1.428	-1.429	.479	34.127	27.480	29.884	32.258	36.919	60.91	.031	1442.3	50
60	-1.441	-1.442	.475	34.131	27.484	29.888	32.262	36.923	60.50	.037	1442.4	60
70	-1.453	-1.454	.470	34.129	27.482	29.886	32.261	36.922	60.60	.043	1442.5	71
80	-1.454	-1.456	.476	34.130	27.484	29.888	32.262	36.924	60.42	.049	1442.7	81
90	-1.558	-1.560	.382	34.160	27.510	29.916	32.292	36.957	57.80	.055	1442.4	91
100	-1.590	-1.592	.357	34.166	27.516	29.922	32.299	36.964	57.19	.061	1442.4	101
125	-1.804	-1.807	.168	34.269	27.605	30.015	32.394	37.065	48.53	.074	1441.9	126
150	-1.859	-1.862	.136	34.319	27.647	30.057	32.438	37.110	44.38	.085	1442.2	151
175	-1.859	-1.863	.158	34.385	27.701	30.110	32.490	37.162	39.20	.096	1442.7	176
200	-1.819	-1.823	.219	34.412	27.722	30.130	32.510	37.180	37.08	.105	1443.3	202
225	-1.803	-1.808	.254	34.422	27.730	30.139	32.517	37.187	36.18	.115	1443.8	227
250	-1.813	-1.819	.263	34.423	27.731	30.140	32.519	37.189	35.91	.124	1444.2	252
275	-1.797	-1.803	.299	34.426	27.733	30.141	32.520	37.189	35.62	.133	1444.7	277
300	-1.791	-1.798	.323	34.427	27.733	30.142	32.520	37.190	35.41	.141	1445.1	302
325	-1.790	-1.797	.344	34.435	27.740	30.148	32.527	37.196	34.68	.150	1445.6	328
350	-1.787	-1.796	.366	34.439	27.743	30.152	32.530	37.199	34.18	.159	1446.0	353
375	-1.826	-1.835	.346	34.452	27.754	30.164	32.542	37.213	32.95	.167	1446.2	378
400	-1.816	-1.826	.375	34.452	27.754	30.163	32.542	37.212	32.85	.175	1446.7	403
425	-1.815	-1.826	.396	34.455	27.756	30.165	32.544	37.214	32.48	.184	1447.1	429
450	-1.839	-1.850	.391	34.458	27.760	30.169	32.548	37.219	32.00	.192	1447.4	454
475	-1.798	-1.810	.451	34.466	27.765	30.174	32.552	37.221	31.41	.200	1448.1	479
500	-1.823	-1.836	.445	34.471	27.770	30.179	32.558	37.228	30.78	.207	1448.4	504
550	-1.785	-1.800	.524	34.514	27.804	30.212	32.590	37.259	27.35	.222	1449.4	555
586	-1.818	-1.833	.519	34.524	27.812	30.221	32.600	37.270	26.29	.232	1449.9	591

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.4S	162	45.1W	568	591	1002.2	100	16	-1.0	2	0	0	25	24DEC76	NW	77 2 29

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.38	-1.38	0.49	34.151	27.50	29.90							2	29
98	-1.62	-1.62	0.33	34.177	27.53	29.93							2	29
179	-1.84	-1.84	0.18	34.398	27.71	30.12							2	29
286	-1.82	-1.83	0.28	34.433	27.74	30.15						C1	2	29
474	-1.82	-1.83	0.43	34.473	27.77	30.18							2	29
586	-1.82	-1.84	0.52	34.524	27.81	30.22							2	29

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.363	-1.363	.508	34.140	27.488	29.891	32.264	36.923	60.38	0.000	1441.8	0
10	-1.389	-1.390	.488	34.143	27.492	29.895	32.268	36.927	60.04	.006	1441.8	10
20	-1.391	-1.391	.495	34.144	27.493	29.896	32.269	36.929	59.86	.012	1442.0	20
30	-1.393	-1.394	.500	34.145	27.494	29.897	32.270	36.930	59.72	.018	1442.1	30
40	-1.395	-1.396	.505	34.146	27.494	29.898	32.271	36.931	59.62	.024	1442.3	40
50	-1.395	-1.396	.513	34.146	27.494	29.898	32.271	36.931	59.56	.030	1442.5	50
60	-1.394	-1.395	.522	34.146	27.494	29.897	32.271	36.931	59.53	.036	1442.6	60
70	-1.395	-1.396	.529	34.145	27.494	29.897	32.270	36.930	59.54	.042	1442.8	71
80	-1.402	-1.404	.529	34.144	27.493	29.897	32.270	36.930	59.49	.048	1442.9	81
90	-1.419	-1.421	.520	34.149	27.498	29.902	32.275	36.936	59.03	.054	1443.0	91
100	-1.648	-1.650	.301	34.182	27.531	29.938	32.315	36.982	55.78	.059	1442.1	101
125	-1.809	-1.812	.162	34.257	27.596	30.005	32.385	37.055	49.45	.073	1441.9	126
150	-1.848	-1.851	.147	34.337	27.662	30.071	32.451	37.123	43.04	.084	1442.2	151
175	-1.867	-1.871	.150	34.389	27.704	30.114	32.494	37.166	38.87	.094	1442.6	176
200	-1.849	-1.854	.188	34.403	27.715	30.124	32.504	37.175	37.70	.104	1443.2	202
225	-1.855	-1.860	.202	34.416	27.726	30.136	32.516	37.187	36.47	.113	1443.6	227
250	-1.838	-1.843	.239	34.425	27.733	30.143	32.521	37.192	35.69	.122	1444.1	252
275	-1.847	-1.853	.248	34.429	27.736	30.146	32.525	37.196	35.25	.131	1444.5	277
300	-1.829	-1.836	.285	34.434	27.740	30.149	32.528	37.198	34.78	.140	1445.0	302
325	-1.821	-1.828	.313	34.438	27.743	30.152	32.531	37.201	34.30	.149	1445.4	328
350	-1.827	-1.835	.327	34.443	27.747	30.156	32.535	37.205	33.79	.157	1445.8	353
375	-1.834	-1.843	.338	34.451	27.754	30.163	32.542	37.213	32.96	.165	1446.2	378
400	-1.842	-1.851	.350	34.454	27.756	30.166	32.545	37.216	32.61	.174	1446.6	403
425	-1.840	-1.850	.371	34.455	27.757	30.166	32.546	37.216	32.39	.182	1447.0	429
450	-1.833	-1.844	.397	34.461	27.762	30.171	32.550	37.221	31.80	.190	1447.5	454
475	-1.821	-1.832	.429	34.475	27.773	30.182	32.560	37.230	30.65	.198	1448.0	479
500	-1.832	-1.845	.437	34.478	27.776	30.185	32.564	37.234	30.22	.205	1448.3	504
550	-1.775	-1.789	.534	34.509	27.799	30.208	32.586	37.254	27.80	.220	1449.5	555
586	-1.819	-1.834	.518	34.524	27.812	30.221	32.600	37.270	26.28	.229	1449.9	591



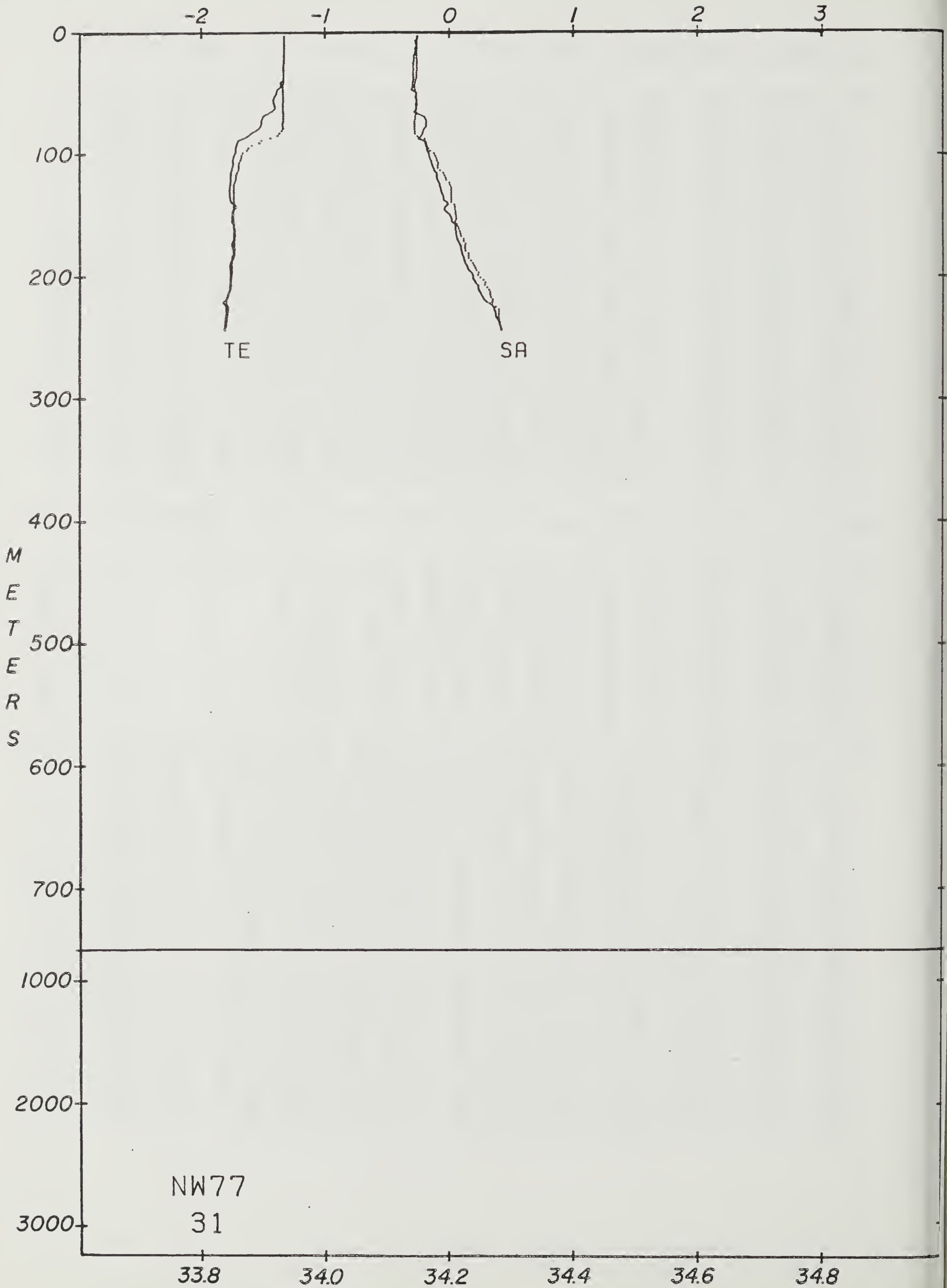
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 53.4S 161 4.0W 568 678 1001.0 100 12 -1.1 2 825 0 207 24DEC76 NW 77 1 30

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.347	-1.347	.523	34.130	27.480	29.882	32.255	36.913	61.20	0.000	1441.8	0
10	-1.351	-1.352	.526	34.128	27.479	29.881	32.254	36.912	61.27	.006	1442.0	10
20	-1.342	-1.343	.542	34.122	27.474	29.876	32.249	36.907	61.69	.012	1442.2	20
30	-1.349	-1.350	.543	34.120	27.472	29.875	32.248	36.906	61.75	.018	1442.3	30
40	-1.350	-1.351	.550	34.122	27.474	29.877	32.250	36.908	61.53	.025	1442.5	40
50	-1.371	-1.372	.536	34.123	27.475	29.878	32.251	36.910	61.38	.031	1442.5	50
60	-1.397	-1.399	.517	34.122	27.475	29.878	32.252	36.912	61.36	.037	1442.6	60
70	-1.412	-1.414	.510	34.122	27.476	29.880	32.254	36.914	61.19	.043	1442.7	71
80	-1.570	-1.572	.362	34.157	27.508	29.914	32.291	36.955	58.05	.049	1442.1	81
90	-1.765	-1.767	.179	34.235	27.577	29.986	32.365	37.035	51.43	.054	1441.5	91
100	-1.794	-1.796	.159	34.265	27.602	30.011	32.391	37.061	48.99	.059	1441.6	101
125	-1.815	-1.818	.160	34.329	27.655	30.064	32.443	37.114	43.87	.071	1442.0	126
150	-1.858	-1.861	.139	34.360	27.680	30.090	32.470	37.142	41.27	.082	1442.2	151
175	-1.889	-1.893	.128	34.389	27.705	30.115	32.495	37.168	38.80	.092	1442.5	176
200	-1.839	-1.843	.199	34.413	27.723	30.132	32.511	37.183	36.96	.101	1443.2	202
225	-1.829	-1.834	.228	34.423	27.731	30.140	32.519	37.190	36.01	.110	1443.7	227
250	-1.835	-1.840	.242	34.430	27.737	30.146	32.525	37.196	35.34	.119	1444.1	252
275	-1.832	-1.838	.264	34.436	27.741	30.151	32.530	37.200	34.76	.128	1444.5	277
300	-1.834	-1.841	.280	34.435	27.741	30.150	32.529	37.200	34.67	.137	1444.9	302
325	-1.834	-1.841	.300	34.440	27.745	30.154	32.533	37.204	34.14	.145	1445.4	328
350	-1.835	-1.843	.319	34.445	27.749	30.158	32.537	37.208	33.61	.154	1445.8	353
375	-1.835	-1.844	.337	34.451	27.754	30.163	32.542	37.213	33.01	.162	1446.2	378
400	-1.832	-1.842	.359	34.452	27.754	30.164	32.543	37.213	32.79	.170	1446.6	403
425	-1.832	-1.842	.379	34.452	27.754	30.164	32.543	37.213	32.65	.178	1447.0	429
450	-1.828	-1.839	.402	34.454	27.756	30.165	32.544	37.215	32.36	.187	1447.5	454
475	-1.829	-1.840	.420	34.455	27.757	30.166	32.545	37.215	32.13	.195	1447.9	479
500	-1.823	-1.835	.445	34.463	27.764	30.173	32.552	37.222	31.36	.203	1448.4	504
550	-1.827	-1.841	.479	34.468	27.767	30.176	32.556	37.226	30.71	.218	1449.2	555
600	-1.817	-1.832	.528	34.469	27.768	30.177	32.556	37.226	30.39	.233	1450.1	605
650	-1.772	-1.790	.612	34.491	27.785	30.193	32.571	37.240	28.62	.248	1451.1	656
675	-1.757	-1.775	.646	34.495	27.787	30.195	32.573	37.241	28.24	.255	1451.6	681

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 53.0S 161 6.5W 568 678 1000.4 90 18 -0.8 2 0 0 330 24DEC76 NW 77 2 30

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.38	-1.38	0.49	34.120	27.47	29.88	8.92	54	1.55			C7	2	30
56	-1.48	-1.48	0.43	34.136	27.49	29.89	8.52	54	1.60				2	30
83	-1.59	-1.59	0.34	34.163	27.51	29.92	8.41	55	1.78			C7	2	30
108	-1.80	-1.80	0.16	34.302	27.63	30.04	7.61	60	2.10				2	30
129	-1.84	-1.84	0.14	34.340	27.66	30.07	7.46	60	2.18			C7	2	30
151	-1.83	-1.83	0.17	34.357	27.68	30.09	7.51	61	2.17				2	30
170	-1.85	-1.85	0.16	34.377	27.69	30.10	7.50	62	2.17			C7	2	30
195	-1.88	-1.88	0.15	34.396	27.71	30.12	7.36	62	2.20				2	30
202	-1.88	-1.88	0.16	34.411	27.72	30.13	7.37	62	2.20			C7	2	30
219	-1.84	-1.84	0.21	34.421	27.73	30.14	7.40	59	2.19				2	30
586	-1.83	-1.85	0.50	34.468	27.77	30.18	7.31	60	2.23			C7	2	30
673	-1.79	-1.81	0.61	34.495	27.79	30.20	7.05	66	2.25				2	30

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.370	-1.370	.500	34.123	27.475	29.878	32.251	36.910	61.67	0.000	1441.7	0
10	-1.379	-1.379	.498	34.126	27.478	29.881	32.254	36.914	61.34	.006	1441.8	10
20	-1.379	-1.380	.506	34.128	27.480	29.883	32.256	36.915	61.11	.012	1442.0	20
30	-1.384	-1.384	.509	34.135	27.485	29.889	32.262	36.921	60.52	.018	1442.2	30
40	-1.436	-1.437	.464	34.132	27.484	29.888	32.263	36.923	60.55	.024	1442.1	40
50	-1.433	-1.434	.475	34.134	27.486	29.890	32.264	36.925	60.34	.030	1442.3	50
60	-1.463	-1.465	.452	34.134	27.487	29.891	32.266	36.928	60.20	.036	1442.3	60
70	-1.514	-1.516	.410	34.154	27.505	29.910	32.285	36.948	58.47	.042	1442.2	71
80	-1.611	-1.613	.321	34.162	27.514	29.921	32.298	36.963	57.49	.048	1442.0	81
90	-1.757	-1.759	.188	34.257	27.595	30.004	32.362	37.052	49.76	.054	1441.6	91
100	-1.776	-1.779	.178	34.283	27.616	30.025	32.404	37.074	47.69	.058	1441.7	101
125	-1.829	-1.832	.147	34.336	27.660	30.070	32.449	37.120	43.33	.070	1441.9	126
150	-1.837	-1.840	.160	34.358	27.679	30.088	32.468	37.139	41.45	.080	1442.3	151
175	-1.858	-1.862	.159	34.382	27.699	30.108	32.488	37.160	39.38	.091	1442.7	176
200	-1.883	-1.887	.154	34.402	27.715	30.125	32.505	37.177	37.68	.100	1443.0	202
225	-1.845	-1.850	.212	34.425	27.733	30.143	32.522	37.193	35.81	.109	1443.6	227
250	-1.856	-1.862	.220	34.431	27.738	30.147	32.527	37.198	35.23	.118	1444.0	252
275	-1.846	-1.852	.250	34.435	27.742	30.151	32.530	37.201	34.74	.127	1444.5	277
300	-1.853	-1.860	.262	34.438	27.744	30.153	32.533	37.204	34.37	.136	1444.9	302
325	-1.852	-1.859	.282	34.434	27.741	30.150	32.529	37.201	34.52	.144	1445.3	328
350	-1.848	-1.857	.305	34.440	27.746	30.155	32.534	37.205	33.91	.153	1445.7	353
375	-1.839	-1.848	.333	34.451	27.754	30.163	32.542	37.213	32.99	.161	1446.2	378
400	-1.839	-1.849	.353	34.452	27.755	30.164	32.543	37.214	32.76	.169	1446.6	403
425	-1.832	-1.842	.379	34.455	27.757	30.166	32.545	37.215	32.42	.178	1447.1	429
450	-1.832	-1.843	.398	34.455	27.757	30.166	32.545	37.216	32.26	.186	1447.5	454
475	-1.830	-1.842	.419	34.459	27.760	30.169	32.548	37.219	31.82	.194	1447.9	479
500	-1.834	-1.846	.435	34.463	27.763	30.173	32.552	37.222	31.36	.201	1448.3	504
550	-1.832	-1.846	.475	34.464	27.764	30.174	32.553	37.223	30.97	.217	1449.1	555
600	-1.819	-1.835	.525	34.469	27.768	30.177	32.556	37.226	30.36	.232	1450.0	605
650	-1.761	-1.779	.623	34.493	27.786	30.195	32.573	37.241	28.46	.247	1451.2	656
654	-1.760	-1.777	.627	34.496	27.788	30.196	32.574	37.243	28.27	.248	1451.3	660



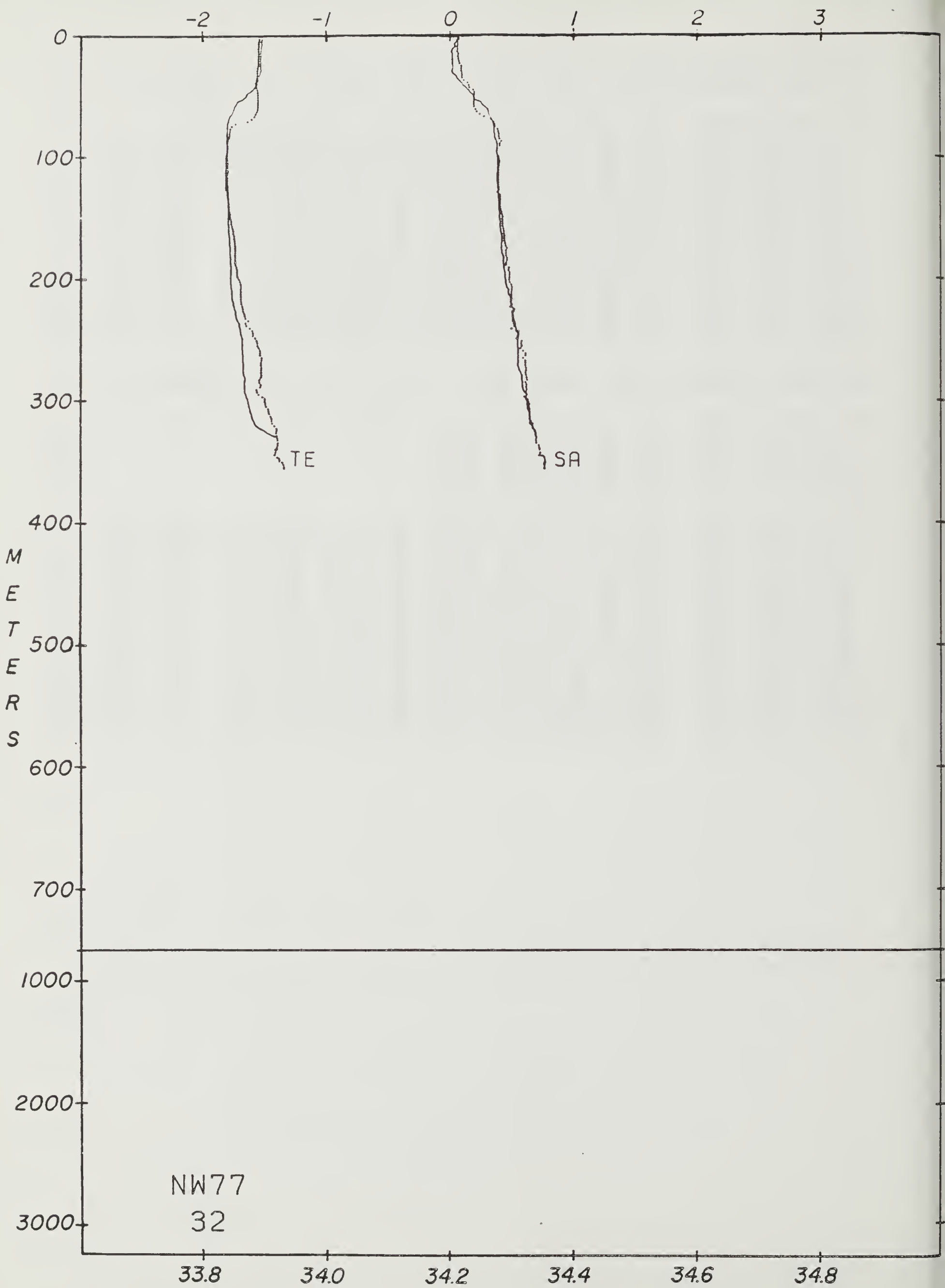
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 44.5S	159 20.6W	567	251	998.7	70	17	0.2	2	3925	0	543	24DEC76	NW	77	1	31

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.320	-1.320	.551	34.155	27.499	29.902	32.274	36.931	59.36	0.000	1442.0	0
10	-1.338	-1.338	.541	34.147	27.494	29.896	32.269	36.927	59.83	.006	1442.1	10
20	-1.340	-1.340	.546	34.143	27.490	29.892	32.265	36.923	60.12	.012	1442.2	20
30	-1.342	-1.342	.551	34.142	27.490	29.893	32.265	36.923	60.08	.018	1442.4	30
40	-1.365	-1.366	.536	34.141	27.489	29.892	32.265	36.924	60.09	.024	1442.4	40
50	-1.405	-1.406	.504	34.147	27.495	29.899	32.272	36.932	59.47	.030	1442.4	50
60	-1.413	-1.415	.503	34.147	27.496	29.899	32.273	36.933	59.37	.036	1442.5	60
70	-1.513	-1.514	.412	34.163	27.512	29.917	32.293	36.956	57.75	.042	1442.3	71
80	-1.568	-1.569	.364	34.158	27.509	29.915	32.291	36.956	57.95	.048	1442.2	81
90	-1.711	-1.713	.229	34.163	27.518	29.926	32.304	36.973	57.08	.053	1441.7	91
100	-1.734	-1.737	.213	34.169	27.523	29.931	32.310	36.980	56.52	.059	1441.7	101
125	-1.770	-1.772	.198	34.186	27.538	29.947	32.326	36.997	54.95	.073	1442.0	126
150	-1.750	-1.753	.238	34.204	27.551	29.960	32.339	37.009	53.52	.086	1442.5	151
175	-1.730	-1.734	.277	34.220	27.564	29.972	32.351	37.020	52.18	.100	1443.1	176
200	-1.763	-1.767	.265	34.240	27.581	29.989	32.368	37.038	50.42	.113	1443.3	202
225	-1.798	-1.803	.251	34.273	27.609	30.018	32.397	37.068	47.58	.125	1443.6	227
243	-1.807	-1.812	.256	34.286	27.619	30.028	32.408	37.079	46.50	.133	1443.9	245

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 44.5S	159 25.5W	567	251	998.3	60	16	0.6	2		0	624	24DEC76	NW	77	2	31

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.34	-1.34	0.53	34.151	27.50	29.90							2	31
50	-1.35	-1.35	0.56	34.153	27.50	29.90							2	31
94	-1.54	-1.54	0.40	34.166	27.52	29.92							2	31
132	-1.73	-1.73	0.24	34.206	27.55	29.96							2	31
184	-1.74	-1.74	0.28	34.235	27.58	29.98							2	31
247	-1.81	-1.82	0.26	34.285	27.62	30.03							2	31

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.325	-1.325	.546	34.151	27.496	29.898	32.271	36.928	59.65	0.000	1442.0	0
10	-1.339	-1.339	.540	34.147	27.494	29.896	32.269	36.927	59.81	.006	1442.1	10
20	-1.339	-1.339	.547	34.148	27.494	29.897	32.269	36.927	59.73	.012	1442.2	20
30	-1.344	-1.344	.550	34.149	27.495	29.897	32.270	36.928	59.60	.018	1442.4	30
40	-1.344	-1.345	.557	34.145	27.493	29.895	32.268	36.926	59.80	.024	1442.5	40
50	-1.346	-1.347	.562	34.148	27.495	29.897	32.270	36.928	59.53	.030	1442.7	50
60	-1.348	-1.349	.568	34.148	27.494	29.897	32.270	36.928	59.51	.036	1442.9	60
70	-1.345	-1.346	.579	34.145	27.493	29.895	32.268	36.926	59.64	.042	1443.0	71
80	-1.361	-1.363	.570	34.146	27.494	29.897	32.269	36.928	59.47	.048	1443.1	81
90	-1.544	-1.546	.396	34.162	27.512	29.918	32.293	36.957	57.64	.054	1442.4	91
100	-1.675	-1.677	.273	34.179	27.529	29.937	32.315	36.983	55.90	.059	1442.0	101
125	-1.737	-1.739	.232	34.203	27.551	29.959	32.338	37.007	53.74	.073	1442.2	126
150	-1.742	-1.745	.247	34.212	27.558	29.966	32.345	37.015	52.88	.086	1442.6	151
175	-1.745	-1.749	.262	34.227	27.570	29.978	32.357	37.027	51.61	.099	1443.0	176
200	-1.756	-1.761	.272	34.232	27.591	29.999	32.378	37.048	49.48	.112	1443.4	202
225	-1.779	-1.784	.270	34.279	27.613	30.022	32.401	37.071	47.22	.124	1443.7	227
242	-1.812	-1.817	.251	34.286	27.619	30.029	32.408	37.079	46.49	.132	1443.9	244



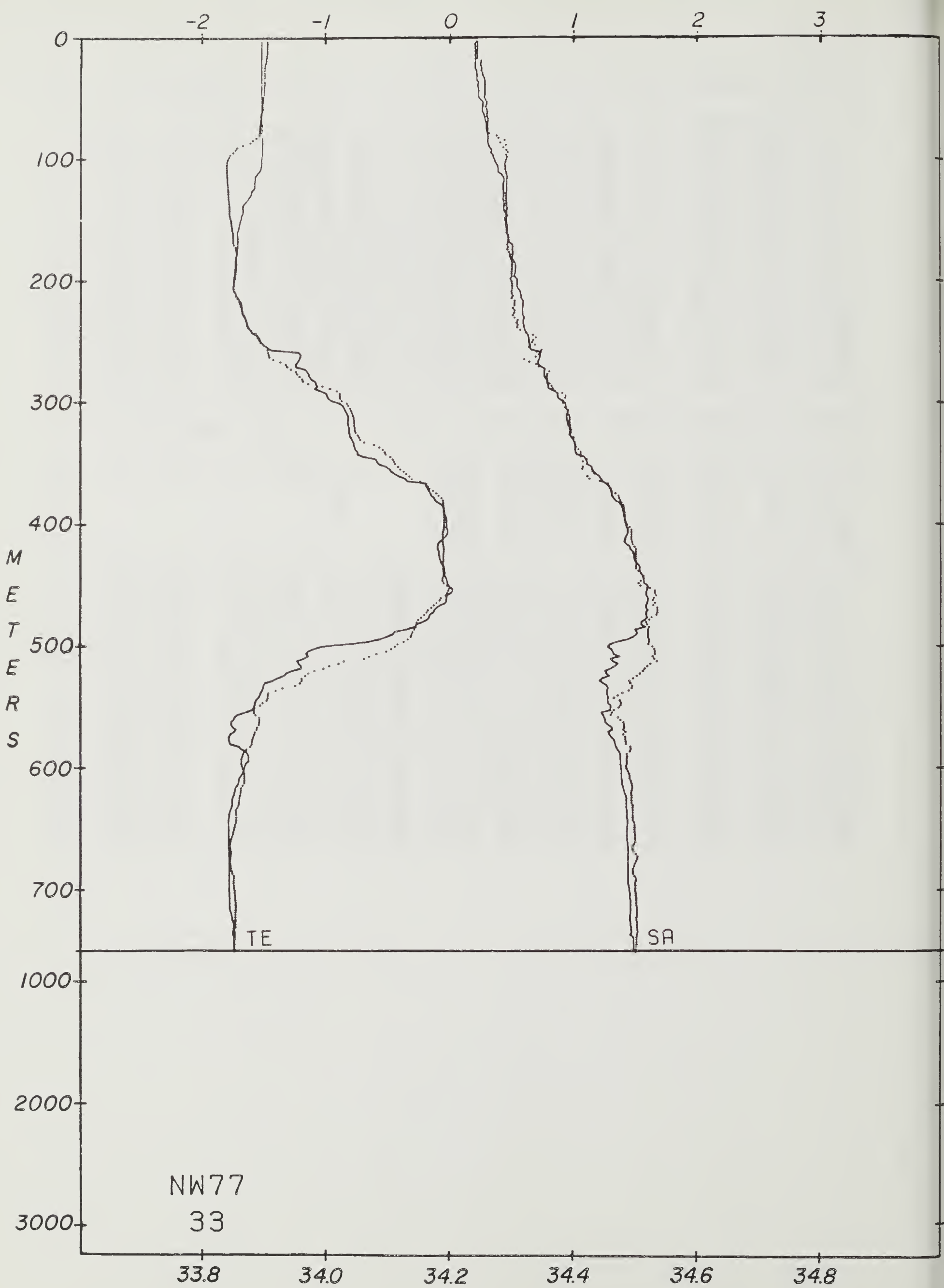
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 54.7S	158 47.7W	567	362	993.0	90	28	-1.0	0	0	0	1112	24DEC76	NW	77	1	32

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.508	-1.508	.367	34.212	27.551	29.956	32.331	36.993	54.45	0.000	1441.2	0
10	-1.533	-1.534	.348	34.204	27.546	29.951	32.326	36.990	54.90	.005	1441.2	10
20	-1.538	-1.538	.351	34.204	27.546	29.951	32.326	36.989	54.87	.011	1441.4	20
30	-1.536	-1.537	.360	34.204	27.546	29.951	32.326	36.990	54.78	.016	1441.5	30
40	-1.567	-1.568	.338	34.221	27.561	29.966	32.342	37.006	53.32	.022	1441.6	40
50	-1.658	-1.659	.256	34.240	27.578	29.985	32.362	37.029	51.61	.027	1441.4	50
60	-1.752	-1.754	.170	34.261	27.598	30.006	32.385	37.055	49.65	.032	1441.1	60
70	-1.797	-1.799	.133	34.270	27.606	30.015	32.394	37.065	48.83	.037	1441.1	71
80	-1.808	-1.809	.131	34.272	27.608	30.018	32.397	37.068	48.54	.042	1441.2	81
90	-1.805	-1.807	.142	34.277	27.612	30.021	32.400	37.071	48.15	.047	1441.4	91
100	-1.797	-1.799	.157	34.278	27.612	30.022	32.401	37.071	48.03	.052	1441.6	101
125	-1.797	-1.800	.176	34.278	27.613	30.022	32.401	37.072	47.85	.064	1442.0	126
150	-1.794	-1.798	.198	34.281	27.615	30.024	32.403	37.074	47.48	.075	1442.4	151
175	-1.778	-1.782	.233	34.284	27.617	30.026	32.405	37.075	47.11	.087	1442.9	176
200	-1.773	-1.778	.257	34.291	27.622	30.031	32.410	37.080	46.48	.099	1443.4	202
225	-1.736	-1.741	.314	34.304	27.632	30.040	32.418	37.087	45.46	.111	1444.0	227
250	-1.678	-1.684	.392	34.310	27.636	30.043	32.420	37.087	45.00	.122	1444.7	252
275	-1.668	-1.674	.421	34.313	27.638	30.045	32.422	37.089	44.64	.133	1445.1	277
300	-1.632	-1.639	.477	34.325	27.647	30.053	32.430	37.095	43.72	.144	1445.7	302
325	-1.493	-1.501	.635	34.339	27.654	30.058	32.432	37.093	43.04	.155	1446.8	328
329	-1.417	-1.426	.714	34.341	27.653	30.056	32.429	37.088	43.17	.157	1447.2	332

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 54.4S	158 48.0W	567	362	992.8	70	23	-0.6	0	0	0	1202	24DEC76	NW	77	2	32

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.54	-1.54	0.34	34.215	27.55	29.96		60					2	32
50	-1.56	-1.56	0.35	34.239	27.57	29.98		54					2	32
97	-1.79	-1.79	0.16	34.277	27.61	30.02		56					2	32
235	-1.68	-1.69	0.38	34.307	27.63	30.04		58					2	32
322	-1.40	-1.41	0.73	34.335	27.65	30.05							2	32
360	-1.36	-1.37	0.80	34.354	27.66	30.06						C1	2	32

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.537	-1.537	.338	34.214	27.554	29.958	32.334	36.997	54.22	0.000	1441.1	0
10	-1.556	-1.557	.326	34.213	27.553	29.959	32.335	36.998	54.19	.005	1441.1	10
20	-1.557	-1.558	.332	34.215	27.555	29.961	32.336	37.000	53.95	.011	1441.3	20
30	-1.564	-1.565	.333	34.220	27.559	29.965	32.341	37.005	53.51	.016	1441.4	30
40	-1.578	-1.578	.328	34.231	27.569	29.974	32.351	37.015	52.55	.022	1441.6	40
50	-1.558	-1.559	.356	34.239	27.575	29.980	32.356	37.019	51.93	.027	1441.8	50
60	-1.561	-1.563	.360	34.242	27.577	29.982	32.358	37.022	51.68	.032	1442.0	60
70	-1.658	-1.659	.273	34.272	27.604	30.011	32.388	37.054	49.05	.037	1441.7	71
80	-1.786	-1.797	.153	34.280	27.614	30.023	32.402	37.072	48.03	.042	1441.3	81
90	-1.803	-1.805	.143	34.280	27.614	30.024	32.403	37.074	47.89	.047	1441.4	91
100	-1.814	-1.816	.140	34.279	27.614	30.024	32.403	37.074	47.85	.051	1441.5	101
125	-1.814	-1.817	.159	34.280	27.614	30.024	32.403	37.075	47.68	.063	1441.9	126
150	-1.776	-1.779	.216	34.285	27.618	30.026	32.405	37.076	47.23	.075	1442.5	151
175	-1.738	-1.742	.274	34.291	27.622	30.030	32.408	37.077	46.68	.087	1443.1	176
200	-1.708	-1.713	.323	34.296	27.625	30.033	32.411	37.079	46.26	.099	1443.7	202
225	-1.673	-1.679	.377	34.305	27.632	30.039	32.416	37.083	45.52	.110	1444.3	227
250	-1.564	-1.570	.506	34.314	27.636	30.041	32.417	37.080	45.07	.121	1445.2	252
275	-1.529	-1.536	.560	34.323	27.642	30.047	32.422	37.084	44.35	.133	1445.8	277
300	-1.497	-1.504	.612	34.327	27.644	30.049	32.423	37.084	44.05	.144	1446.4	302
325	-1.409	-1.417	.720	34.339	27.651	30.054	32.427	37.086	43.38	.154	1447.2	328
350	-1.364	-1.374	.784	34.355	27.663	30.065	32.437	37.094	42.19	.165	1447.9	353
355	-1.346	-1.356	.806	34.354	27.661	30.063	32.435	37.092	42.33	.167	1448.0	358



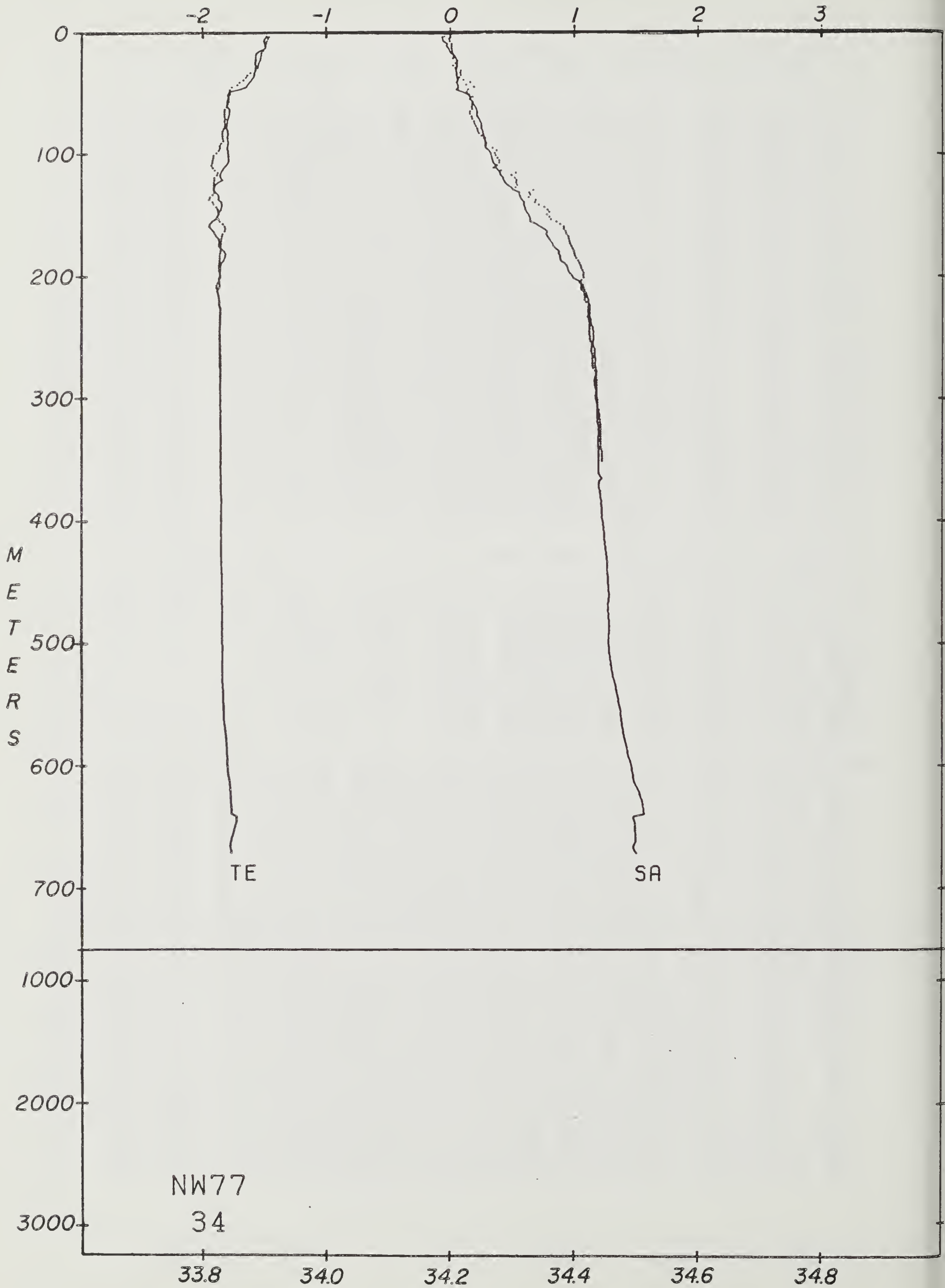
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	6.8S	159	2.0W	567	761	989.0	60	18	-0.1	0	0	2034	24DEC76	NW	77	1	33

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.508	-1.508	.369	34.250	27.582	29.987	32.361	37.024	51.53	0.000	1441.3	0
10	-1.524	-1.524	.360	34.241	27.575	29.980	32.355	37.018	52.13	.005	1441.3	10
20	-1.524	-1.524	.368	34.241	27.575	29.980	32.355	37.018	52.07	.010	1441.5	20
30	-1.524	-1.524	.375	34.244	27.578	29.983	32.357	37.020	51.79	.016	1441.7	30
40	-1.523	-1.524	.384	34.246	27.579	29.984	32.359	37.022	51.57	.021	1441.8	40
50	-1.519	-1.520	.396	34.249	27.582	29.987	32.362	37.024	51.26	.026	1442.0	50
60	-1.518	-1.519	.405	34.253	27.585	29.990	32.365	37.027	50.90	.031	1442.2	60
70	-1.514	-1.516	.416	34.259	27.589	29.994	32.369	37.031	50.44	.036	1442.4	71
80	-1.515	-1.516	.423	34.262	27.592	29.997	32.372	37.034	50.16	.041	1442.6	81
90	-1.512	-1.514	.434	34.264	27.594	29.999	32.373	37.035	49.92	.046	1442.7	91
100	-1.520	-1.522	.434	34.273	27.601	30.006	32.381	37.043	49.20	.051	1442.9	101
125	-1.587	-1.590	.386	34.286	27.614	30.020	32.395	37.060	47.83	.063	1443.0	126
150	-1.691	-1.695	.301	34.292	27.621	30.029	32.406	37.073	46.96	.075	1442.9	151
175	-1.715	-1.719	.297	34.301	27.629	30.037	32.415	37.083	46.02	.087	1443.2	176
200	-1.747	-1.751	.285	34.309	27.636	30.045	32.423	37.092	45.18	.098	1443.5	202
225	-1.674	-1.680	.377	34.317	27.641	30.048	32.426	37.092	44.62	.109	1444.3	227
250	-1.513	-1.520	.557	34.328	27.646	30.051	32.425	37.087	44.16	.120	1445.5	252
275	-1.138	-1.146	.953	34.353	27.654	30.053	32.421	37.071	43.60	.131	1447.7	277
300	-.892	-.901	1.220	34.387	27.672	30.067	32.432	37.075	41.95	.142	1449.3	302
325	-.806	-.817	1.325	34.395	27.675	30.069	32.433	37.072	41.63	.152	1450.1	328
350	-.562	-.574	1.590	34.425	27.690	30.080	32.439	37.071	40.48	.163	1451.7	353
375	-.151	-.165	2.023	34.463	27.701	30.085	32.438	37.058	39.78	.173	1454.1	378
400	-.025	-.041	2.168	34.486	27.713	30.095	32.446	37.063	38.75	.183	1455.1	403
425	-.086	-.102	2.128	34.498	27.726	30.109	32.461	37.079	37.43	.192	1455.2	429
450	-.007	-.025	2.226	34.519	27.739	30.121	32.472	37.087	36.30	.201	1456.0	454
475	-.170	-.188	2.083	34.518	27.747	30.131	32.484	37.104	35.36	.210	1455.7	479
500	-1.004	-1.020	1.264	34.456	27.733	30.129	32.496	37.141	35.45	.219	1452.2	504
550	-1.587	-1.603	.719	34.461	27.755	30.161	32.536	37.199	32.23	.236	1450.3	555
600	-1.661	-1.678	.684	34.478	27.771	30.178	32.554	37.220	30.33	.252	1450.8	605
650	-1.789	-1.806	.595	34.488	27.783	30.191	32.569	37.239	28.77	.266	1451.1	656
700	-1.782	-1.801	.640	34.492	27.786	30.195	32.573	37.242	28.19	.281	1451.9	706
750	-1.742	-1.763	.718	34.500	27.792	30.200	32.577	37.245	27.47	.295	1453.0	757
752	-1.745	-1.766	.717	34.501	27.792	30.200	32.578	37.245	27.42	.295	1453.0	759

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	6.2S	159	8.7W	567	761	989.0	90	21	-0.1	0	0	2153	24DEC76	NW	77	2	33

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.48	-1.48	0.40	34.246	27.58	29.98	8.09	55	2.02	-0.63	0.88	BC8	0	33
59	-1.51	-1.51	0.41	34.261	27.59	30.00	7.85	54	1.97			C7	2	33
194	-1.74	-1.74	0.29	34.294	27.62	30.03	7.27	56	2.12	-0.62			2	33
205	-1.75	-1.75	0.29	34.307	27.63	30.04		57	2.42		0.57	C7	2	33
268	-1.29	-1.30	0.80	34.344	27.65	30.05	6.55	64	2.23				2	33
322	-0.76	-0.77	1.37	34.395	27.67	30.07	6.16	66	2.25			C7	2	33
394	-0.03	-0.05	2.16	34.484	27.71	30.09	5.57	71	2.29				2	33
442	-0.05	-0.07	2.18	34.512	27.74	30.12	5.59	74	2.28	-0.40		C7	2	33
470	-0.12	-0.14	2.13	34.533	27.76	30.14		72	2.33		0.28	C1	2	33
484	-0.28	-0.30	1.98	34.523	27.76	30.14	5.77	72	2.27			C7	2	33
757	-1.75	-1.77	0.72	34.501	27.79	30.20		68	2.23	-0.62	0.57		2	33

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.466	-1.466	.411	34.246	27.577	29.981	32.356	37.016	51.96	0.000	1441.4	0
10	-1.476	-1.476	.407	34.244	27.576	29.980	32.355	37.016	52.03	.005	1441.6	10
20	-1.491	-1.491	.401	34.250	27.582	29.986	32.361	37.022	51.44	.010	1441.7	20
30	-1.497	-1.497	.403	34.254	27.585	29.989	32.364	37.025	51.09	.015	1441.8	30
40	-1.499	-1.500	.408	34.257	27.587	29.992	32.367	37.028	50.80	.021	1442.0	40
50	-1.507	-1.508	.408	34.258	27.588	29.993	32.367	37.030	50.65	.026	1442.1	50
60	-1.518	-1.520	.404	34.260	27.591	29.995	32.370	37.033	50.37	.031	1442.2	60
70	-1.532	-1.534	.398	34.261	27.592	29.997	32.372	37.034	50.24	.036	1442.3	71
80	-1.544	-1.545	.395	34.274	27.603	30.008	32.383	37.046	49.12	.041	1442.4	81
90	-1.721	-1.723	.226	34.289	27.620	30.028	32.406	37.074	47.41	.046	1441.8	91
100	-1.794	-1.796	.161	34.291	27.623	30.032	32.411	37.082	46.99	.050	1441.6	101
125	-1.792	-1.794	.182	34.292	27.623	30.032	32.411	37.082	46.82	.062	1442.0	126
150	-1.768	-1.771	.225	34.290	27.621	30.030	32.408	37.078	46.89	.074	1442.6	151
175	-1.725	-1.728	.287	34.293	27.623	30.031	32.409	37.078	46.56	.085	1443.2	176
200	-1.740	-1.744	.291	34.300	27.629	30.037	32.415	37.084	45.90	.097	1443.5	202
225	-1.669	-1.674	.381	34.304	27.630	30.037	32.414	37.081	45.65	.108	1444.3	227
250	-1.519	-1.526	.552	34.334	27.650	30.055	32.430	37.092	43.72	.120	1445.4	252
275	-1.231	-1.239	.860	34.361	27.663	30.063	32.433	37.086	42.61	.130	1447.3	277
300	-.834	-.843	1.278	34.384	27.667	30.061	32.425	37.066	42.46	.141	1449.6	302
325	-.749	-.760	1.382	34.396	27.674	30.066	32.429	37.067	41.87	.152	1450.4	328
350	-.438	-.450	1.714	34.420	27.680	30.068	32.426	37.055	41.53	.162	1452.3	353
375	-.100	-.114	2.074	34.471	27.705	30.088	32.440	37.059	39.47	.172	1454.3	378
400	-.048	-.063	2.146	34.488	27.717	30.099	32.450	37.067	38.43	.182	1455.0	403
425	-.052	-.069	2.161	34.502	27.727	30.109	32.461	37.078	37.38	.191	1455.4	429
450	-.022	-.040	2.211	34.510	27.733	30.115	32.466	37.082	36.87	.201	1456.0	454
475	-.223	-.241	2.030	34.530	27.759	30.144	32.498	37.119	34.15	.209	1455.5	479
500	-.448	-.466	1.824	34.526	27.766	30.154	32.512	37.140	33.10	.218	1454.9	504
550	-1.567	-1.582	.740	34.473	27.765	30.170	32.545	37.207	31.37	.234	1450.4	555
600	-1.672	-1.689	.673	34.487	27.779	30.186	32.562	37.228	29.62	.249	1450.8	605
650	-1.746	-1.763	.638	34.500	27.791	30.199	32.577	37.245	28.05	.264	1451.3	656
700	-1.738	-1.758	.684	34.501	27.792	30.200	32.578	37.245	27.71	.278	1452.1	706
750	-1.743	-1.764	.718	34.501	27.792	30.200	32.578	37.246	27.39	.291	1453.0	757
753	-1.743	-1.764	.720	34.501	27.792	30.200	32.578	37.245	27.42	.292	1453.0	760



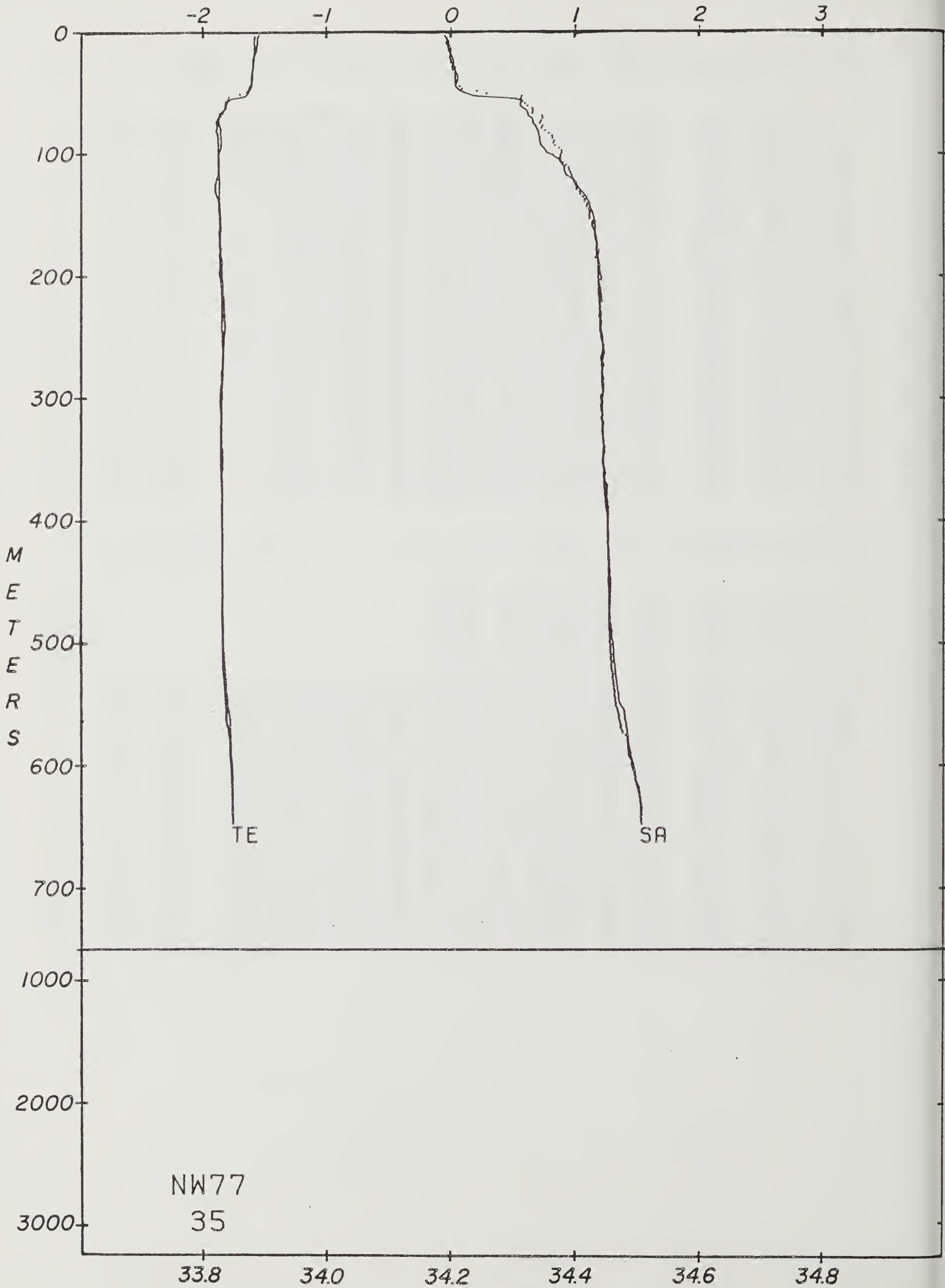
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 50.6S	161 43.0W	568	673	988.5	80	16	0.3	0	0	0	225	25DEC76	NW	77	1	34

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.459	-1.459	.414	34.186	27.529	29.933	32.307	36.968	56.58	0.000	1441.4	0
10	-1.500	-1.501	.380	34.194	27.537	29.942	32.317	36.979	55.74	.006	1441.4	10
20	-1.580	-1.580	.309	34.210	27.552	29.958	32.334	36.999	54.28	.011	1441.2	20
30	-1.583	-1.584	.314	34.210	27.552	29.958	32.334	36.999	54.20	.017	1441.3	30
40	-1.630	-1.631	.275	34.211	27.554	29.961	32.338	37.004	53.92	.022	1441.3	40
50	-1.800	-1.801	.113	34.229	27.573	29.982	32.362	37.033	52.10	.027	1440.7	50
60	-1.803	-1.804	.119	34.241	27.582	29.992	32.371	37.042	51.11	.032	1440.8	60
70	-1.802	-1.803	.128	34.247	27.587	29.997	32.376	37.047	50.58	.037	1441.0	71
80	-1.800	-1.802	.137	34.252	27.591	30.001	32.380	37.051	50.13	.043	1441.2	81
90	-1.799	-1.800	.147	34.258	27.596	30.005	32.385	37.055	49.63	.048	1441.4	91
100	-1.796	-1.798	.158	34.266	27.603	30.012	32.392	37.062	48.89	.052	1441.6	101
125	-1.909	-1.911	.065	34.296	27.630	30.041	32.422	37.096	46.16	.064	1441.5	126
150	-1.888	-1.891	.107	34.328	27.656	30.066	32.446	37.119	43.60	.076	1442.0	151
175	-1.864	-1.868	.152	34.369	27.688	30.098	32.478	37.150	40.36	.086	1442.6	176
200	-1.871	-1.876	.166	34.400	27.714	30.124	32.503	37.175	37.80	.096	1443.1	202
225	-1.856	-1.861	.202	34.427	27.735	30.144	32.524	37.195	35.68	.105	1443.6	227
250	-1.865	-1.870	.212	34.433	27.740	30.149	32.529	37.200	35.05	.114	1444.0	252
275	-1.861	-1.867	.235	34.437	27.743	30.153	32.533	37.204	34.55	.123	1444.4	277
300	-1.857	-1.864	.258	34.436	27.743	30.152	32.532	37.203	34.48	.131	1444.8	302
325	-1.855	-1.863	.279	34.441	27.746	30.155	32.535	37.206	34.01	.140	1445.3	328
350	-1.855	-1.863	.298	34.441	27.746	30.156	32.535	37.206	33.86	.148	1445.7	353
375	-1.852	-1.860	.321	34.443	27.748	30.157	32.537	37.208	33.56	.157	1446.1	378
400	-1.849	-1.859	.342	34.447	27.751	30.161	32.540	37.211	33.07	.165	1446.5	403
425	-1.852	-1.863	.358	34.453	27.756	30.165	32.545	37.216	32.49	.173	1447.0	429
450	-1.845	-1.856	.385	34.456	27.758	30.168	32.547	37.218	32.12	.181	1447.4	454
475	-1.844	-1.855	.405	34.457	27.759	30.169	32.547	37.218	31.93	.189	1447.8	479
500	-1.841	-1.854	.427	34.457	27.759	30.168	32.547	37.218	31.78	.197	1448.3	504
550	-1.830	-1.844	.477	34.475	27.773	30.183	32.562	37.232	30.14	.213	1449.2	555
600	-1.796	-1.812	.550	34.494	27.788	30.197	32.575	37.244	28.53	.227	1450.2	605
650	-1.746	-1.763	.638	34.500	27.791	30.199	32.577	37.245	28.05	.241	1451.3	656
670	-1.770	-1.788	.630	34.502	27.793	30.202	32.580	37.248	27.68	.247	1451.5	676

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 51.7S	161 46.0W	568	673	988.8	70	14	0.3	0	0	0	327	25DEC76	NW	77	2	34

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.47	-1.47	0.40	34.189	27.53	29.94							2	34
37	-1.62	-1.62	0.28	34.214	27.56	29.96							2	34
57	-1.77	-1.77	0.15	34.237	27.58	29.99							2	34
245	-1.87	-1.88	0.20	34.434	27.74	30.15							2	34
468	-1.85	-1.86	0.39	34.458	27.76	30.17							2	34
642	-1.79	-1.81	0.59	34.507	27.80	30.21							2	34

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.467	-1.467	.407	34.192	27.534	29.938	32.312	36.973	56.10	0.000	1441.4	0
10	-1.503	-1.503	.378	34.203	27.544	29.948	32.323	36.986	55.11	.006	1441.4	10
20	-1.540	-1.540	.349	34.207	27.548	29.953	32.329	36.992	54.64	.011	1441.4	20
30	-1.587	-1.587	.311	34.215	27.556	29.962	32.338	37.003	53.83	.016	1441.3	30
40	-1.708	-1.709	.198	34.232	27.573	29.981	32.359	37.027	52.17	.022	1440.9	40
50	-1.788	-1.789	.126	34.231	27.575	29.984	32.363	37.034	51.92	.027	1440.7	50
60	-1.815	-1.817	.106	34.233	27.577	29.986	32.366	37.038	51.64	.032	1440.8	60
70	-1.827	-1.828	.102	34.235	27.579	29.989	32.368	37.040	51.38	.037	1440.9	71
80	-1.845	-1.846	.092	34.245	27.587	29.997	32.377	37.049	50.54	.042	1441.0	81
90	-1.856	-1.858	.089	34.258	27.598	30.008	32.388	37.061	49.43	.047	1441.1	91
100	-1.919	-1.921	.034	34.274	27.613	30.024	32.405	37.079	47.97	.052	1441.0	101
125	-1.918	-1.920	.057	34.310	27.642	30.052	32.434	37.108	45.07	.064	1441.5	126
150	-1.883	-1.886	.114	34.361	27.682	30.092	32.472	37.145	41.11	.075	1442.1	151
175	-1.858	-1.861	.160	34.398	27.711	30.121	32.501	37.172	38.18	.085	1442.7	176
200	-1.863	-1.868	.175	34.415	27.726	30.135	32.515	37.187	36.68	.094	1443.1	202
225	-1.861	-1.866	.196	34.424	27.732	30.142	32.522	37.193	35.90	.103	1443.5	227
250	-1.861	-1.867	.215	34.427	27.735	30.145	32.524	37.196	35.49	.112	1444.0	252
275	-1.856	-1.862	.240	34.433	27.740	30.149	32.529	37.200	34.89	.121	1444.4	277
300	-1.859	-1.865	.256	34.439	27.745	30.154	32.534	37.205	34.30	.129	1444.8	302
325	-1.857	-1.864	.278	34.444	27.749	30.158	32.537	37.209	33.77	.138	1445.3	328
350	-1.856	-1.864	.298	34.446	27.750	30.160	32.539	37.210	33.47	.146	1445.7	353



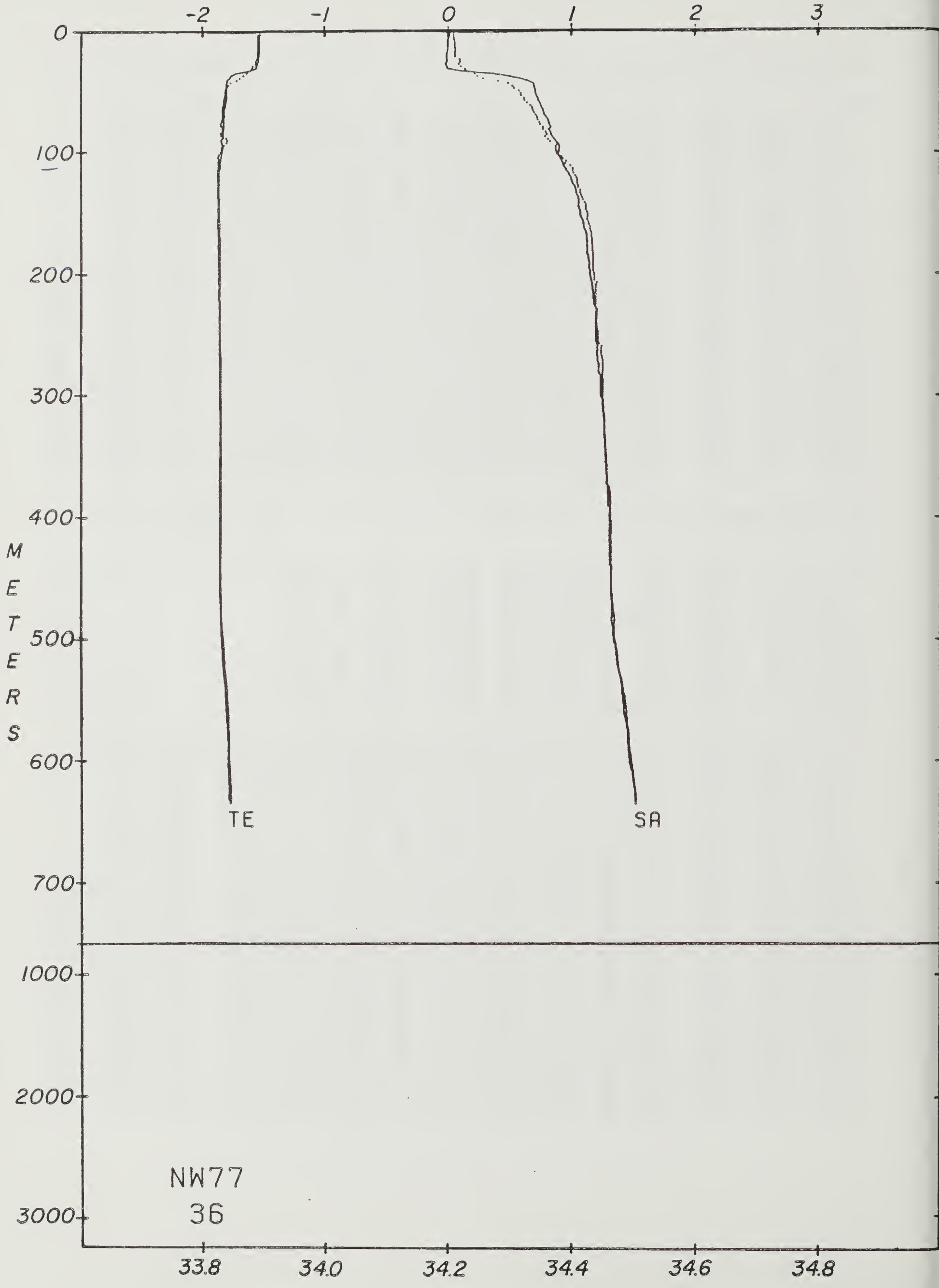
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
77 41.8S	162 1.9W	568	648	988.2	40	13	-0.1	2		0	0	440	25DEC	76	NW	77	1	35

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.526	-1.526	.348	34.199	27.541	29.946	32.321	36.985	55.40	0.000	1441.1	0
10	-1.564	-1.565	.316	34.195	27.539	29.945	32.321	36.985	55.54	.006	1441.1	10
20	-1.594	-1.594	.295	34.204	27.547	29.953	32.330	36.994	54.73	.011	1441.1	20
30	-1.600	-1.601	.297	34.208	27.551	29.957	32.333	36.999	54.33	.017	1441.3	30
40	-1.605	-1.606	.299	34.210	27.553	29.959	32.336	37.001	54.06	.022	1441.4	40
50	-1.643	-1.644	.270	34.228	27.568	29.975	32.352	37.019	52.53	.027	1441.4	50
60	-1.816	-1.817	.110	34.313	27.642	30.051	32.430	37.101	45.51	.032	1440.9	60
70	-1.873	-1.874	.062	34.331	27.658	30.068	32.448	37.121	43.92	.037	1440.8	71
80	-1.858	-1.859	.085	34.341	27.665	30.075	32.454	37.127	43.17	.041	1441.0	81
90	-1.853	-1.954	.098	34.344	27.668	30.078	32.458	37.129	42.83	.045	1441.2	91
100	-1.877	-1.879	.082	34.365	27.685	30.095	32.475	37.148	41.13	.049	1441.3	101
125	-1.899	-1.902	.081	34.405	27.718	30.128	32.508	37.181	37.85	.059	1441.7	126
150	-1.862	-1.865	.139	34.431	27.738	30.148	32.527	37.199	35.79	.069	1442.3	151
175	-1.861	-1.865	.159	34.436	27.742	30.152	32.531	37.202	35.29	.077	1442.7	176
200	-1.858	-1.862	.181	34.438	27.744	30.153	32.533	37.204	34.98	.086	1443.2	202
225	-1.845	-1.850	.214	34.441	27.746	30.155	32.534	37.205	34.64	.095	1443.7	227
250	-1.840	-1.845	.238	34.444	27.748	30.158	32.537	37.207	34.25	.104	1444.1	252
275	-1.839	-1.845	.258	34.445	27.749	30.158	32.537	37.208	34.05	.112	1444.5	277
300	-1.845	-1.852	.270	34.445	27.749	30.158	32.538	37.209	33.88	.121	1444.9	302
325	-1.847	-1.854	.288	34.446	27.750	30.159	32.538	37.210	33.65	.129	1445.3	328
350	-1.837	-1.845	.317	34.445	27.749	30.159	32.538	37.208	33.57	.137	1445.8	353
375	-1.843	-1.852	.329	34.449	27.752	30.162	32.541	37.212	33.13	.146	1446.2	378
400	-1.843	-1.852	.349	34.454	27.756	30.166	32.545	37.216	32.60	.154	1446.6	403
425	-1.841	-1.851	.370	34.456	27.758	30.167	32.546	37.217	32.31	.162	1447.0	429
450	-1.841	-1.852	.389	34.459	27.760	30.170	32.549	37.220	31.93	.170	1447.4	454
475	-1.838	-1.850	.411	34.457	27.759	30.169	32.548	37.218	31.90	.178	1447.9	479
500	-1.834	-1.847	.434	34.463	27.763	30.173	32.552	37.223	31.35	.186	1448.3	504
550	-1.798	-1.813	.508	34.476	27.773	30.182	32.560	37.230	30.22	.201	1449.3	555
600	-1.761	-1.777	.585	34.497	27.789	30.197	32.575	37.243	28.50	.216	1450.4	605
639	-1.757	-1.774	.620	34.509	27.799	30.207	32.585	37.252	27.38	.227	1451.0	645

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
77 42.5S	162 3.5W	568	648	989.0	350	15	-0.1	2		0	0	630	25DEC	76	NW	77	2	35

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.59	-1.59	0.28	34.188	27.53	29.94	8.25	50	1.58				2	35
10	-1.59	-1.59	0.29	34.194	27.54	29.95		52	1.57			C7	2	35
21	-1.60	-1.60	0.29	34.200	27.54	29.95	8.39	52	1.54				2	35
33	-1.60	-1.60	0.30	34.209	27.55	29.96	8.31	51	1.56			C7	2	35
49	-1.68	-1.68	0.23	34.229	27.57	29.98	7.90	52	1.64				2	35
106	-1.87	-1.87	0.09	34.378	27.70	30.11	7.17	61	2.10			C7	2	35
163	-1.86	-1.86	0.15	34.433	27.74	30.15	7.09	60	2.08				2	35
236	-1.82	-1.83	0.25	34.444	27.75	30.16	7.09	60	2.14			C8	2	35
316	-1.85	-1.86	0.28	34.445	27.75	30.16	7.10	60	2.14			C1	2	35
493	-1.84	-1.85	0.42	34.458	27.76	30.17	7.05	61	2.13			C8	2	35
564	-1.81	-1.82	0.51	34.475	27.77	30.18	6.83	62	2.13			C1	2	35
646	-1.75	-1.77	0.63	34.510	27.80	30.21	6.62	68	2.23			C7	2	35

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.565	-1.565	.309	34.198	27.541	29.947	32.323	36.987	55.37	0.000	1440.9	0
10	-1.585	-1.586	.296	34.199	27.543	29.949	32.325	36.990	55.18	.006	1441.0	10
20	-1.586	-1.587	.303	34.199	27.543	29.949	32.326	36.990	55.08	.011	1441.1	20
30	-1.598	-1.599	.299	34.204	27.548	29.954	32.330	36.995	54.60	.017	1441.3	30
40	-1.609	-1.609	.296	34.208	27.551	29.958	32.334	36.999	54.23	.022	1441.4	40
50	-1.709	-1.710	.207	34.270	27.604	30.011	32.389	37.057	49.19	.027	1441.2	50
60	-1.818	-1.819	.109	34.325	27.651	30.060	32.439	37.111	44.60	.032	1440.9	60
70	-1.875	-1.877	.060	34.347	27.671	30.081	32.461	37.133	42.68	.036	1440.8	71
80	-1.890	-1.892	.053	34.352	27.675	30.085	32.465	37.138	42.24	.040	1440.9	81
90	-1.874	-1.876	.077	34.366	27.686	30.096	32.476	37.148	41.10	.045	1441.2	91
100	-1.870	-1.872	.090	34.378	27.695	30.105	32.485	37.157	40.16	.049	1441.4	101
125	-1.965	-1.867	.116	34.403	27.716	30.125	32.505	37.177	38.09	.058	1441.8	126
150	-1.961	-1.864	.140	34.425	27.733	30.143	32.522	37.194	36.28	.068	1442.3	151
175	-1.860	-1.864	.160	34.437	27.743	30.153	32.532	37.203	35.20	.077	1442.7	176
200	-1.845	-1.849	.195	34.444	27.748	30.158	32.537	37.208	34.57	.085	1443.2	202
225	-1.826	-1.831	.232	34.441	27.746	30.155	32.534	37.204	34.67	.094	1443.7	227
250	-1.827	-1.833	.250	34.446	27.749	30.159	32.537	37.208	34.16	.103	1444.2	252
275	-1.840	-1.846	.257	34.445	27.749	30.159	32.538	37.209	34.00	.111	1444.5	277
300	-1.856	-1.862	.260	34.444	27.748	30.158	32.537	37.209	33.93	.120	1444.8	302
325	-1.851	-1.858	.284	34.446	27.750	30.159	32.539	37.210	33.65	.128	1445.3	328
350	-1.851	-1.859	.303	34.447	27.751	30.160	32.540	37.211	33.41	.137	1445.7	353
375	-1.837	-1.846	.336	34.453	27.755	30.165	32.544	37.214	32.86	.145	1446.2	378
400	-1.837	-1.846	.355	34.454	27.756	30.165	32.545	37.215	32.63	.153	1446.6	403
425	-1.839	-1.849	.372	34.455	27.757	30.166	32.546	37.216	32.39	.161	1447.0	429
450	-1.836	-1.847	.394	34.456	27.758	30.167	32.546	37.217	32.18	.169	1447.5	454
475	-1.840	-1.852	.409	34.457	27.759	30.168	32.547	37.218	31.94	.177	1447.8	479
500	-1.836	-1.848	.432	34.458	27.760	30.169	32.548	37.219	31.68	.185	1448.3	504
550	-1.811	-1.825	.496	34.468	27.767	30.176	32.555	37.225	30.74	.201	1449.3	555
600	-1.769	-1.785	.577	34.495	27.788	30.196	32.574	37.242	28.62	.216	1450.3	605
646	-1.754	-1.771	.628	34.510	27.799	30.208	32.585	37.253	27.28	.228	1451.2	652



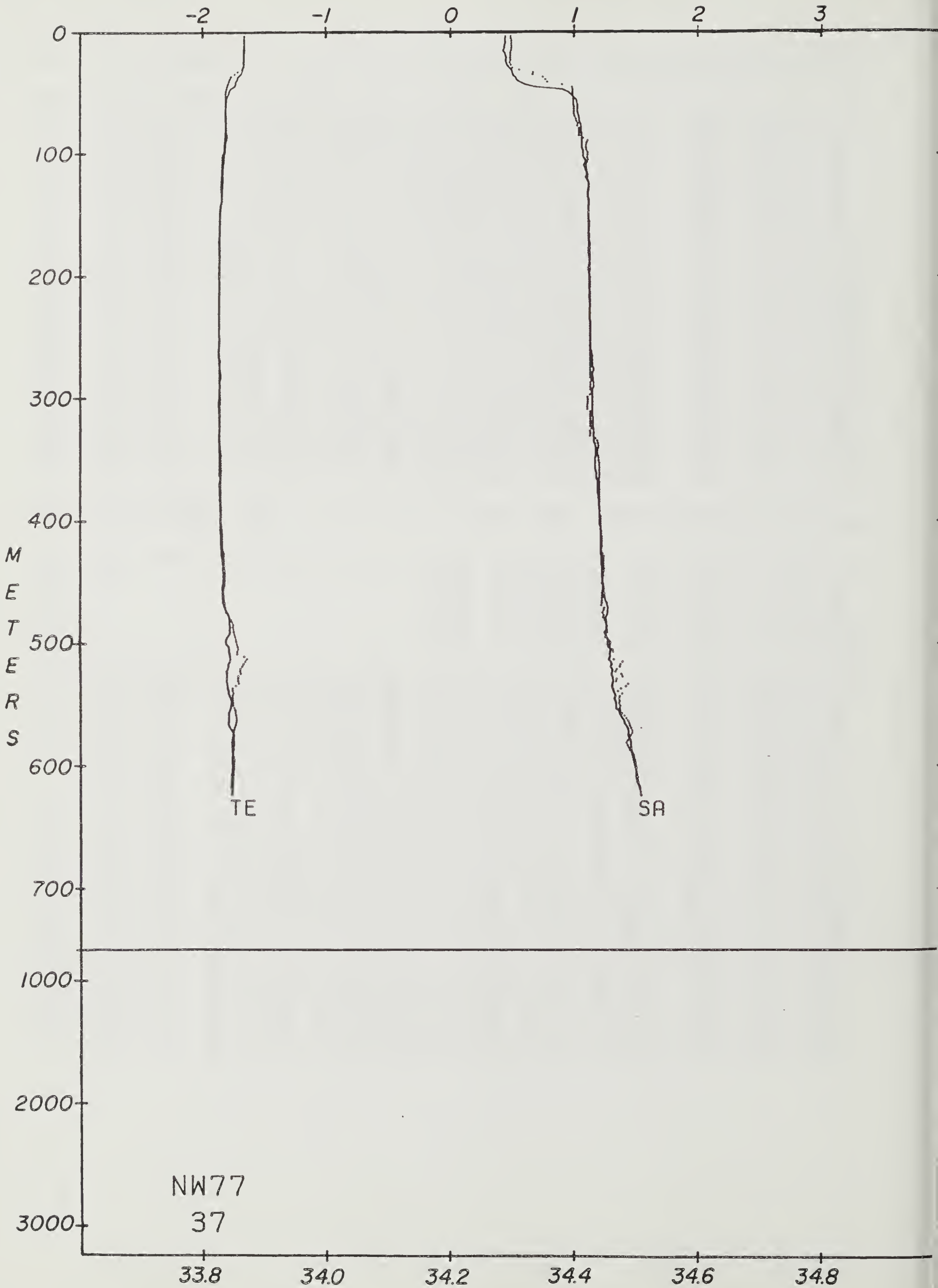
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 24.8S	162 34.3W	568	637	990.8	350	14	-1.5	0	0	0	821	25DEC76	NW	77	1	36

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.525	-1.525	.349	34.205	27.546	29.951	32.326	36.989	54.94	0.000	1441.1	0
10	-1.538	-1.538	.343	34.200	27.542	29.948	32.323	36.987	55.23	.006	1441.2	10
20	-1.543	-1.544	.345	34.198	27.541	29.946	32.322	36.985	55.31	.011	1441.3	20
30	-1.573	-1.574	.324	34.203	27.546	29.952	32.327	36.992	54.79	.017	1441.4	30
40	-1.799	-1.800	.113	34.332	27.657	30.066	32.444	37.115	44.22	.021	1440.7	40
50	-1.808	-1.809	.112	34.343	27.666	30.073	32.454	37.124	43.29	.026	1440.8	50
60	-1.815	-1.816	.113	34.352	27.673	30.082	32.461	37.132	42.52	.030	1440.9	60
70	-1.823	-1.825	.113	34.361	27.681	30.090	32.469	37.140	41.75	.034	1441.1	71
80	-1.830	-1.832	.114	34.365	27.684	30.093	32.473	37.144	41.35	.039	1441.2	81
90	-1.849	-1.851	.103	34.377	27.694	30.104	32.483	37.155	40.34	.043	1441.3	91
100	-1.845	-1.847	.115	34.380	27.697	30.106	32.485	37.157	40.06	.047	1441.5	101
125	-1.868	-1.870	.112	34.404	27.717	30.127	32.506	37.178	37.98	.056	1441.8	126
150	-1.868	-1.871	.132	34.416	27.726	30.136	32.516	37.187	36.93	.066	1442.3	151
175	-1.866	-1.870	.153	34.427	27.735	30.144	32.524	37.196	35.96	.075	1442.7	176
200	-1.860	-1.864	.179	34.432	27.739	30.149	32.528	37.200	35.42	.084	1443.2	202
225	-1.857	-1.862	.202	34.440	27.745	30.155	32.534	37.205	34.70	.093	1443.6	227
250	-1.856	-1.862	.221	34.441	27.746	30.155	32.535	37.206	34.46	.101	1444.0	252
275	-1.853	-1.859	.244	34.446	27.750	30.159	32.539	37.210	33.93	.110	1444.4	277
300	-1.853	-1.860	.263	34.450	27.754	30.163	32.542	37.213	33.45	.118	1444.9	302
325	-1.849	-1.856	.286	34.455	27.757	30.167	32.546	37.217	32.96	.126	1445.3	328
350	-1.852	-1.860	.302	34.458	27.760	30.169	32.549	37.220	32.57	.135	1445.7	353
375	-1.855	-1.864	.318	34.463	27.764	30.174	32.553	37.224	32.02	.143	1446.1	378
400	-1.849	-1.859	.343	34.465	27.765	30.175	32.554	37.225	31.73	.151	1446.6	403
425	-1.849	-1.859	.362	34.466	27.766	30.176	32.555	37.226	31.52	.159	1447.0	429
450	-1.850	-1.861	.381	34.466	27.766	30.176	32.555	37.226	31.37	.166	1447.4	454
475	-1.844	-1.856	.406	34.470	27.770	30.179	32.558	37.229	30.91	.174	1447.8	479
500	-1.835	-1.848	.434	34.473	27.772	30.181	32.560	37.230	30.58	.182	1448.3	504
550	-1.900	-1.814	.507	34.486	27.781	30.190	32.569	37.238	29.44	.197	1449.3	555
600	-1.780	-1.796	.566	34.500	27.792	30.200	32.579	37.247	28.18	.211	1450.3	605
631	-1.773	-1.790	.598	34.507	27.798	30.206	32.584	37.252	27.51	.220	1450.8	637

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 26.8S	162 29.2W	568	637	992.1	340	14	-1.1	0	0	0	928	25DEC76	NW	77	2	36

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.55	-1.55	0.32	34.211	27.55	29.96						BC7	0	36
51	-1.80	-1.80	0.12	34.317	27.64	30.05							2	36
98	-1.82	-1.82	0.14	34.378	27.69	30.10							2	36
196	-1.85	-1.85	0.19	34.435	27.74	30.15							2	36
350	-1.86	-1.87	0.29	34.456	27.76	30.17							2	36
461	-1.84	-1.85	0.40	34.470	27.77	30.18							2	36
637	-1.78	-1.80	0.59	34.507	27.80	30.21						C1	2	36

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.543	-1.543	.332	34.211	27.551	29.957	32.332	36.996	54.43	0.000	1441.0	0
10	-1.547	-1.547	.335	34.212	27.552	29.958	32.333	36.997	54.29	.005	1441.2	10
20	-1.551	-1.552	.338	34.213	27.554	29.959	32.335	36.999	54.09	.011	1441.3	20
30	-1.600	-1.600	.298	34.229	27.568	29.974	32.350	37.015	52.69	.016	1441.3	30
40	-1.723	-1.724	.185	34.280	27.613	30.020	32.398	37.067	48.39	.021	1440.9	40
50	-1.816	-1.817	.103	34.319	27.647	30.056	32.435	37.106	45.10	.026	1440.7	50
60	-1.830	-1.831	.097	34.334	27.659	30.069	32.448	37.119	43.84	.030	1440.8	60
70	-1.836	-1.837	.099	34.345	27.668	30.077	32.457	37.128	42.94	.035	1441.0	71
80	-1.837	-1.838	.106	34.356	27.677	30.086	32.466	37.137	42.04	.039	1441.2	81
90	-1.795	-1.797	.156	34.370	27.687	30.096	32.475	37.145	41.01	.043	1441.5	91
100	-1.852	-1.854	.108	34.381	27.698	30.107	32.487	37.158	39.96	.047	1441.5	101
125	-1.871	-1.873	.110	34.411	27.722	30.132	32.512	37.184	37.45	.057	1441.8	126
150	-1.866	-1.869	.135	34.427	27.735	30.145	32.525	37.196	36.07	.066	1442.3	151
175	-1.853	-1.856	.167	34.435	27.742	30.151	32.530	37.201	35.34	.075	1442.8	176
200	-1.854	-1.858	.185	34.438	27.744	30.153	32.533	37.204	34.95	.084	1443.2	202
225	-1.856	-1.861	.202	34.441	27.746	30.155	32.535	37.206	34.60	.092	1443.6	227
250	-1.855	-1.860	.223	34.445	27.749	30.159	32.538	37.209	34.16	.101	1444.0	252
275	-1.848	-1.854	.249	34.453	27.756	30.165	32.544	37.215	33.42	.109	1444.5	277
300	-1.848	-1.855	.268	34.452	27.755	30.164	32.544	37.214	33.34	.118	1444.9	302
325	-1.847	-1.855	.288	34.455	27.757	30.167	32.546	37.217	32.96	.126	1445.3	328
350	-1.846	-1.854	.308	34.457	27.759	30.168	32.547	37.218	32.67	.134	1445.7	353
375	-1.844	-1.853	.329	34.460	27.761	30.171	32.550	37.220	32.29	.142	1446.2	378
400	-1.843	-1.852	.350	34.463	27.764	30.173	32.552	37.223	31.92	.150	1446.6	403
425	-1.847	-1.857	.365	34.464	27.764	30.174	32.553	37.224	31.68	.158	1447.0	429
450	-1.846	-1.857	.385	34.466	27.766	30.175	32.555	37.225	31.38	.166	1447.4	454
475	-1.840	-1.851	.410	34.468	27.768	30.177	32.556	37.227	31.10	.174	1447.9	479
500	-1.823	-1.835	.446	34.471	27.770	30.179	32.558	37.228	30.77	.192	1448.4	504
550	-1.788	-1.802	.520	34.489	27.784	30.192	32.571	37.240	29.22	.197	1449.4	555
600	-1.771	-1.787	.576	34.497	27.789	30.198	32.576	37.244	28.44	.211	1450.3	605
634	-1.761	-1.778	.612	34.507	27.797	30.205	32.583	37.251	27.55	.221	1450.9	640



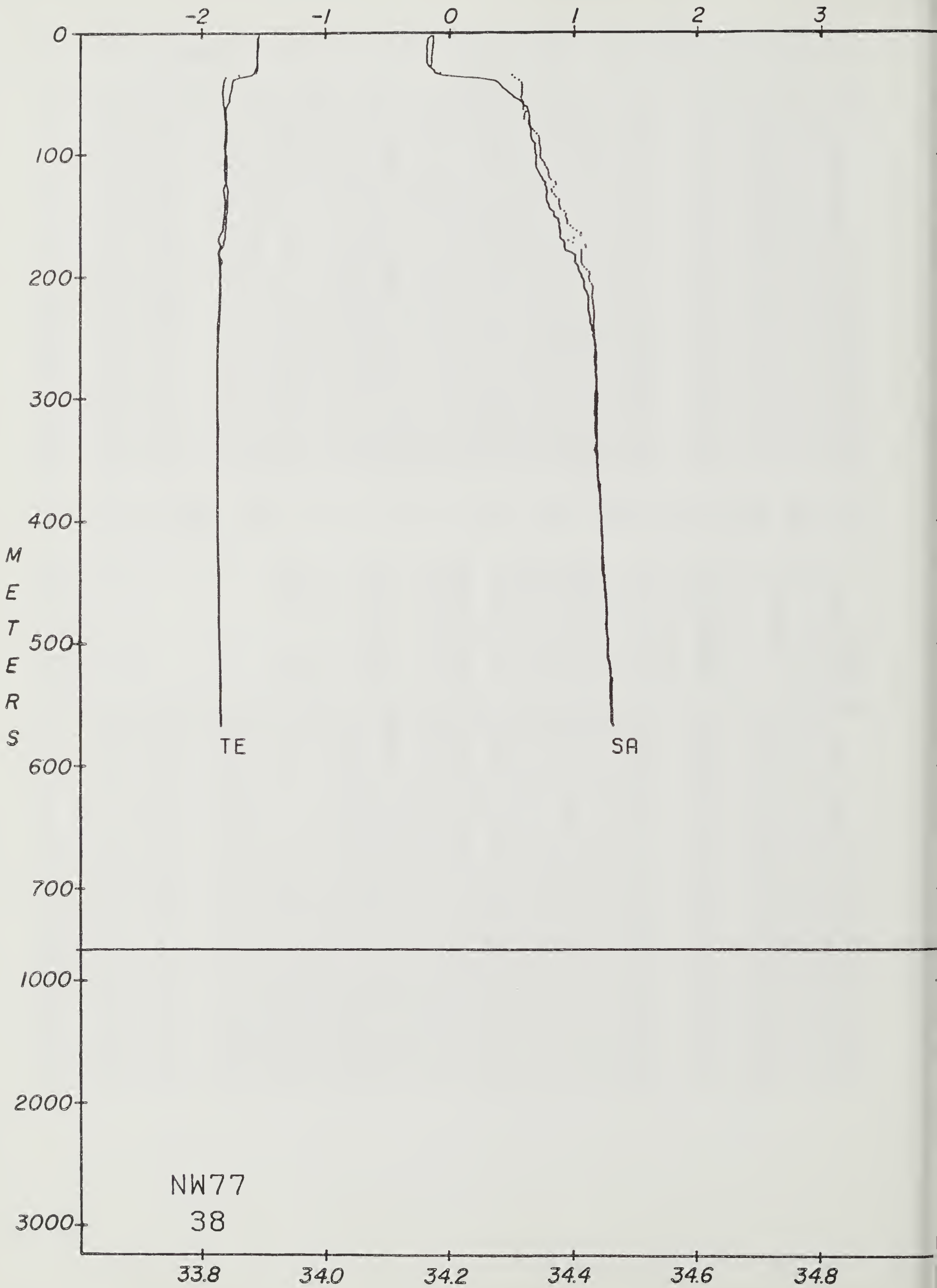
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	4.1S	163	23.5W	568	625	993.6	350	19	-1.7	0	0	0	1125	25DEC76	NW	77 1 37

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.653	-1.653	.226	34.294	27.622	30.028	32.405	37.071	47.77	0.000	1440.6	0
10	-1.661	-1.661	.225	34.288	27.617	30.024	32.401	37.067	48.13	.005	1440.7	10
20	-1.665	-1.665	.229	34.290	27.619	30.026	32.403	37.070	47.90	.010	1440.9	20
30	-1.678	-1.679	.224	34.299	27.627	30.034	32.411	37.078	47.11	.014	1441.0	30
40	-1.732	-1.733	.179	34.315	27.641	30.049	32.427	37.095	45.71	.019	1440.9	40
50	-1.793	-1.794	.130	34.396	27.708	30.117	32.495	37.165	39.28	.023	1440.9	50
60	-1.814	-1.815	.117	34.406	27.717	30.126	32.504	37.174	38.41	.027	1441.0	60
70	-1.818	-1.820	.121	34.409	27.719	30.128	32.507	37.177	38.11	.031	1441.2	71
80	-1.815	-1.816	.132	34.412	27.722	30.130	32.510	37.179	37.80	.035	1441.4	81
90	-1.823	-1.825	.131	34.413	27.723	30.132	32.511	37.181	37.67	.039	1441.5	91
100	-1.824	-1.826	.138	34.415	27.724	30.133	32.512	37.183	37.44	.042	1441.6	101
125	-1.838	-1.841	.143	34.424	27.732	30.141	32.520	37.191	36.58	.052	1442.0	126
150	-1.858	-1.862	.142	34.424	27.732	30.142	32.521	37.193	36.36	.061	1442.3	151
175	-1.867	-1.870	.153	34.426	27.734	30.144	32.523	37.195	36.03	.070	1442.7	176
200	-1.867	-1.872	.171	34.425	27.733	30.143	32.523	37.194	35.96	.079	1443.1	202
225	-1.868	-1.873	.190	34.426	27.734	30.144	32.523	37.195	35.72	.088	1443.5	227
250	-1.865	-1.870	.212	34.427	27.735	30.144	32.524	37.196	35.50	.097	1443.9	252
275	-1.859	-1.865	.236	34.432	27.739	30.149	32.528	37.199	34.97	.105	1444.4	277
300	-1.867	-1.874	.247	34.430	27.737	30.147	32.527	37.199	34.96	.114	1444.8	302
325	-1.866	-1.873	.268	34.432	27.739	30.149	32.529	37.200	34.66	.123	1445.2	328
350	-1.866	-1.874	.287	34.434	27.741	30.150	32.530	37.202	34.35	.131	1445.6	353
375	-1.865	-1.873	.307	34.438	27.744	30.154	32.533	37.205	33.90	.140	1446.0	378
400	-1.859	-1.868	.332	34.441	27.746	30.156	32.535	37.207	33.54	.148	1446.5	403
425	-1.851	-1.861	.360	34.443	27.748	30.157	32.537	37.208	33.26	.157	1446.9	429
450	-1.835	-1.846	.394	34.446	27.750	30.159	32.538	37.209	32.90	.165	1447.4	454
475	-1.798	-1.810	.450	34.453	27.755	30.163	32.542	37.211	32.38	.173	1448.0	479
500	-1.807	-1.820	.461	34.458	27.759	30.168	32.547	37.216	31.79	.181	1448.4	504
550	-1.772	-1.786	.535	34.468	27.766	30.174	32.552	37.221	30.93	.197	1449.4	555
600	-1.761	-1.777	.585	34.500	27.792	30.200	32.578	37.246	28.22	.212	1450.4	605
617	-1.771	-1.787	.589	34.507	27.797	30.206	32.584	37.252	27.60	.216	1450.6	623

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	4.8S	163	29.3W	568	625	994.8	340	17	-1.7	0	0	0	1227	25DEC76	NW	77 2 37

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-1.66	-1.66	0.22	34.299	27.63	30.03	7.24	58	1.98			C7	2	37
30	-1.68	-1.68	0.22	34.301	27.63	30.04	7.31	57	1.96				2	37
47	-1.81	-1.81	0.11	34.375	27.69	30.10	7.22	59	2.08			C7	2	37
79	-1.82	-1.82	0.13	34.411	27.72	30.13	6.90	60	2.39				2	37
99	-1.83	-1.83	0.13	34.415	27.72	30.13	7.09	61				C7	2	37
149	-1.85	-1.85	0.15	34.424	27.73	30.14	6.98	60					2	37
197	-1.86	-1.86	0.18	34.424	27.73	30.14	6.91	61	2.13			C7	2	37
291	-1.87	-1.88	0.24	34.432	27.74	30.15	6.83	60	2.19			A15	2	37
581	-1.76	-1.78	0.57	34.493	27.79	30.19	6.43	67	2.21			C7	2	37
623	-1.77	-1.79	0.59	34.513	27.80	30.21	6.06	70	2.25				2	37

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.660	-1.660	.220	34.300	27.627	30.033	32.410	37.076	47.30	0.000	1440.6	0
10	-1.663	-1.664	.223	34.300	27.627	30.034	32.411	37.077	47.23	.005	1440.9	10
20	-1.665	-1.666	.229	34.298	27.625	30.032	32.409	37.075	47.32	.009	1440.9	20
30	-1.682	-1.683	.221	34.316	27.641	30.048	32.425	37.092	45.81	.014	1441.0	30
40	-1.787	-1.788	.126	34.362	27.680	30.089	32.467	37.137	41.98	.018	1440.8	40
50	-1.814	-1.816	.109	34.399	27.711	30.120	32.499	37.169	39.00	.023	1440.8	50
60	-1.814	-1.815	.117	34.401	27.713	30.121	32.500	37.170	38.80	.026	1441.0	60
70	-1.810	-1.812	.128	34.404	27.715	30.124	32.503	37.173	38.50	.030	1441.2	71
80	-1.809	-1.811	.137	34.409	27.719	30.128	32.506	37.176	38.07	.034	1441.4	81
90	-1.814	-1.816	.141	34.421	27.729	30.138	32.516	37.187	37.06	.038	1441.5	91
100	-1.835	-1.837	.127	34.423	27.731	30.140	32.519	37.190	36.82	.042	1441.6	101
125	-1.849	-1.851	.133	34.425	27.733	30.142	32.521	37.192	36.47	.051	1442.0	126
150	-1.860	-1.863	.141	34.424	27.732	30.142	32.521	37.193	36.36	.060	1442.3	151
175	-1.861	-1.865	.158	34.424	27.733	30.142	32.522	37.193	36.17	.069	1442.7	176
200	-1.861	-1.865	.177	34.427	27.735	30.144	32.524	37.195	35.82	.078	1443.1	202
225	-1.866	-1.871	.191	34.426	27.735	30.144	32.524	37.195	35.67	.087	1443.5	227
250	-1.863	-1.869	.213	34.427	27.735	30.144	32.524	37.196	35.51	.096	1444.0	252
275	-1.863	-1.869	.232	34.427	27.735	30.144	32.524	37.196	35.35	.105	1444.4	277
300	-1.858	-1.865	.256	34.422	27.731	30.141	32.521	37.192	35.55	.113	1444.8	302
325	-1.864	-1.871	.270	34.427	27.735	30.145	32.525	37.196	35.02	.122	1445.2	328
350	-1.854	-1.863	.299	34.440	27.745	30.155	32.534	37.206	33.92	.131	1445.7	353
375	-1.854	-1.863	.318	34.441	27.746	30.156	32.535	37.206	33.71	.139	1446.1	378
400	-1.851	-1.861	.340	34.443	27.748	30.157	32.537	37.208	33.41	.148	1446.5	403
425	-1.830	-1.840	.381	34.445	27.749	30.158	32.537	37.207	33.18	.156	1447.0	429
450	-1.819	-1.830	.410	34.446	27.749	30.158	32.537	37.207	33.02	.164	1447.5	454
475	-1.798	-1.810	.450	34.447	27.750	30.159	32.537	37.206	32.85	.173	1448.0	479
500	-1.720	-1.733	.548	34.456	27.755	30.163	32.540	37.207	32.34	.181	1448.8	504
550	-1.750	-1.765	.557	34.475	27.771	30.180	32.557	37.225	30.45	.196	1449.5	555
600	-1.747	-1.763	.599	34.500	27.791	30.199	32.577	37.245	28.30	.211	1450.4	605
623	-1.762	-1.778	.603	34.510	27.800	30.208	32.586	37.254	27.38	.218	1450.8	629



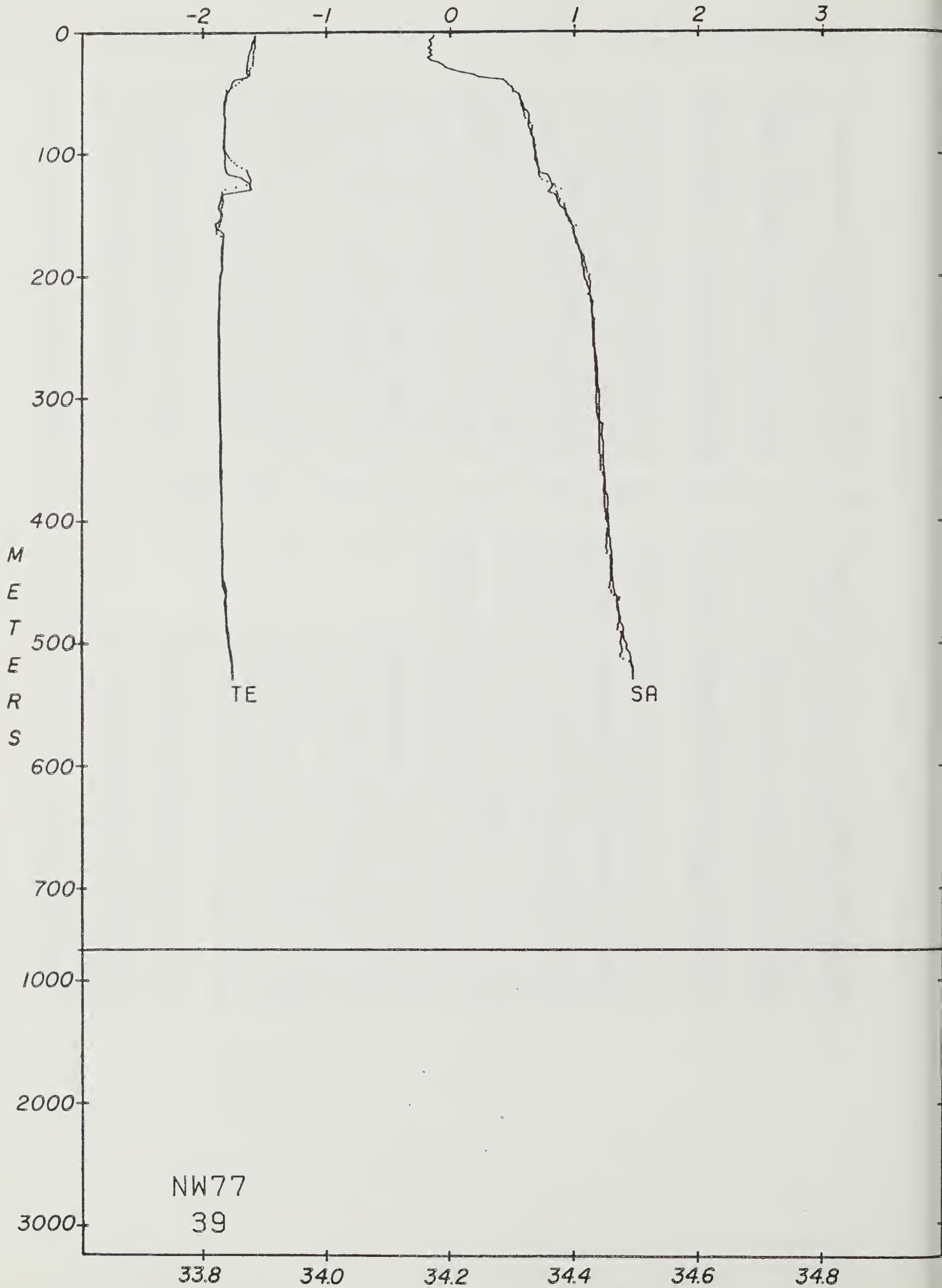
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 41.0S	164 15.2W	568	569	996.0	360	15	-2.8	0	0	0	1456	25DEC76	NW	77	1	38

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.529	-1.529	.343	34.171	27.518	29.924	32.299	36.963	57.54	0.000	1441.0	0
10	-1.541	-1.542	.338	34.164	27.513	29.919	32.295	36.958	57.96	.006	1441.1	10
20	-1.553	-1.553	.334	34.164	27.513	29.919	32.295	36.959	57.90	.012	1441.2	20
30	-1.570	-1.571	.325	34.175	27.523	29.929	32.305	36.970	56.92	.017	1441.3	30
40	-1.734	-1.734	.155	34.281	27.614	30.022	32.401	37.070	48.27	.023	1440.8	40
50	-1.772	-1.773	.145	34.300	27.630	30.039	32.417	37.087	46.67	.027	1440.9	50
60	-1.801	-1.802	.126	34.324	27.650	30.059	32.438	37.109	44.68	.032	1441.0	60
70	-1.802	-1.803	.132	34.329	27.654	30.063	32.442	37.112	44.26	.036	1441.1	71
80	-1.798	-1.799	.144	34.332	27.656	30.065	32.444	37.114	44.01	.041	1441.3	81
90	-1.803	-1.805	.146	34.337	27.661	30.070	32.449	37.119	43.52	.045	1441.5	91
100	-1.811	-1.814	.146	34.340	27.664	30.072	32.452	37.122	43.18	.049	1441.6	101
125	-1.794	-1.796	.184	34.355	27.675	30.084	32.463	37.132	41.95	.060	1442.1	126
150	-1.803	-1.806	.194	34.371	27.688	30.097	32.476	37.146	40.55	.070	1442.5	151
175	-1.834	-1.838	.183	34.386	27.701	30.111	32.490	37.161	39.16	.080	1442.8	176
200	-1.849	-1.854	.188	34.413	27.723	30.133	32.512	37.184	36.90	.090	1443.2	202
225	-1.852	-1.857	.205	34.424	27.732	30.142	32.521	37.192	35.92	.099	1443.6	227
250	-1.867	-1.873	.210	34.432	27.740	30.149	32.529	37.200	35.06	.108	1443.9	252
275	-1.877	-1.883	.219	34.437	27.743	30.153	32.533	37.205	34.55	.117	1444.3	277
300	-1.877	-1.883	.238	34.439	27.745	30.155	32.534	37.206	34.24	.125	1444.7	302
325	-1.878	-1.885	.256	34.438	27.744	30.154	32.534	37.206	34.16	.134	1445.1	328
350	-1.873	-1.881	.280	34.438	27.745	30.154	32.534	37.206	33.97	.142	1445.6	353
375	-1.873	-1.881	.299	34.441	27.747	30.157	32.536	37.208	33.63	.151	1446.0	378
400	-1.874	-1.883	.318	34.445	27.750	30.160	32.540	37.211	33.18	.159	1446.4	403
425	-1.871	-1.881	.339	34.446	27.750	30.160	32.540	37.212	32.96	.167	1446.9	429
450	-1.864	-1.875	.366	34.449	27.753	30.163	32.542	37.214	32.60	.175	1447.3	454
475	-1.865	-1.876	.384	34.454	27.757	30.167	32.546	37.218	32.08	.184	1447.7	479
500	-1.860	-1.873	.407	34.455	27.758	30.167	32.547	37.218	31.87	.192	1448.2	504
550	-1.854	-1.868	.452	34.460	27.762	30.171	32.551	37.222	31.19	.207	1449.0	555
567	-1.851	-1.865	.468	34.464	27.765	30.174	32.554	37.225	30.82	.213	1449.3	572

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 41.0S	164 15.3W	568	569	996.4	20	15	-2.3	0	0	0	1546	25DEC76	NW	77	2	38

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.54	-1.54	0.33	34.174	27.52	29.93							2	38
30	-1.54	-1.54	0.35	34.174	27.52	29.93							2	38
35	-1.60	-1.60	0.30	34.192	27.54	29.94							2	38
39	-1.79	-1.79	0.12	34.303	27.63	30.04							2	38
100	-1.80	-1.80	0.16	34.347	27.67	30.08							2	38
568	-1.85	-1.86	0.47	34.463	27.76	30.17							2	38

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.532	-1.532	.341	34.177	27.523	29.929	32.304	36.968	57.07	0.000	1441.0	0
10	-1.551	-1.551	.329	34.174	27.522	29.928	32.303	36.967	57.17	.006	1441.1	10
20	-1.551	-1.552	.336	34.171	27.520	29.925	32.301	36.965	57.32	.011	1441.3	20
30	-1.552	-1.553	.343	34.177	27.524	29.930	32.305	36.969	56.86	.017	1441.4	30
40	-1.819	-1.820	.092	34.317	27.645	30.054	32.434	37.104	45.33	.022	1440.5	40
50	-1.827	-1.828	.091	34.317	27.645	30.055	32.434	37.105	45.23	.027	1440.7	50
60	-1.818	-1.820	.108	34.320	27.647	30.056	32.436	37.107	45.00	.031	1440.9	60
70	-1.807	-1.809	.126	34.322	27.648	30.058	32.437	37.107	44.80	.036	1441.1	71
80	-1.805	-1.807	.137	34.338	27.662	30.071	32.449	37.120	43.49	.040	1441.3	81
90	-1.812	-1.814	.138	34.346	27.668	30.077	32.456	37.127	42.83	.045	1441.4	91
100	-1.798	-1.800	.160	34.347	27.669	30.078	32.457	37.127	42.68	.049	1441.7	101
125	-1.815	-1.817	.164	34.371	27.688	30.097	32.476	37.147	40.71	.059	1442.0	126
150	-1.816	-1.819	.182	34.388	27.702	30.112	32.490	37.161	39.20	.069	1442.5	151
175	-1.849	-1.853	.170	34.420	27.729	30.139	32.518	37.189	36.49	.079	1442.8	176
200	-1.849	-1.853	.189	34.425	27.733	30.143	32.522	37.193	35.97	.088	1443.2	202
225	-1.859	-1.864	.199	34.433	27.740	30.149	32.529	37.200	35.21	.097	1443.6	227
250	-1.873	-1.878	.204	34.434	27.741	30.151	32.530	37.202	34.93	.105	1443.9	252
275	-1.878	-1.884	.218	34.436	27.743	30.152	32.532	37.204	34.62	.114	1444.3	277
300	-1.878	-1.885	.237	34.435	27.742	30.152	32.532	37.204	34.54	.123	1444.7	302
325	-1.868	-1.876	.266	34.435	27.741	30.151	32.531	37.203	34.42	.131	1445.2	328
350	-1.874	-1.882	.279	34.438	27.744	30.154	32.534	37.205	34.02	.140	1445.6	353
375	-1.874	-1.883	.298	34.443	27.748	30.158	32.538	37.210	33.49	.148	1446.0	378
400	-1.874	-1.883	.317	34.445	27.750	30.160	32.540	37.211	33.18	.157	1446.4	403
425	-1.870	-1.880	.340	34.447	27.751	30.161	32.541	37.212	32.89	.165	1446.9	429
450	-1.866	-1.877	.364	34.450	27.754	30.164	32.543	37.215	32.48	.173	1447.3	454
475	-1.864	-1.875	.385	34.453	27.756	30.166	32.545	37.217	32.16	.181	1447.7	479
500	-1.860	-1.872	.408	34.456	27.758	30.168	32.547	37.219	31.79	.189	1448.2	504
550	-1.853	-1.867	.453	34.462	27.763	30.173	32.552	37.223	31.06	.205	1449.0	555
564	-1.850	-1.864	.467	34.463	27.764	30.174	32.553	37.224	30.92	.209	1449.3	569



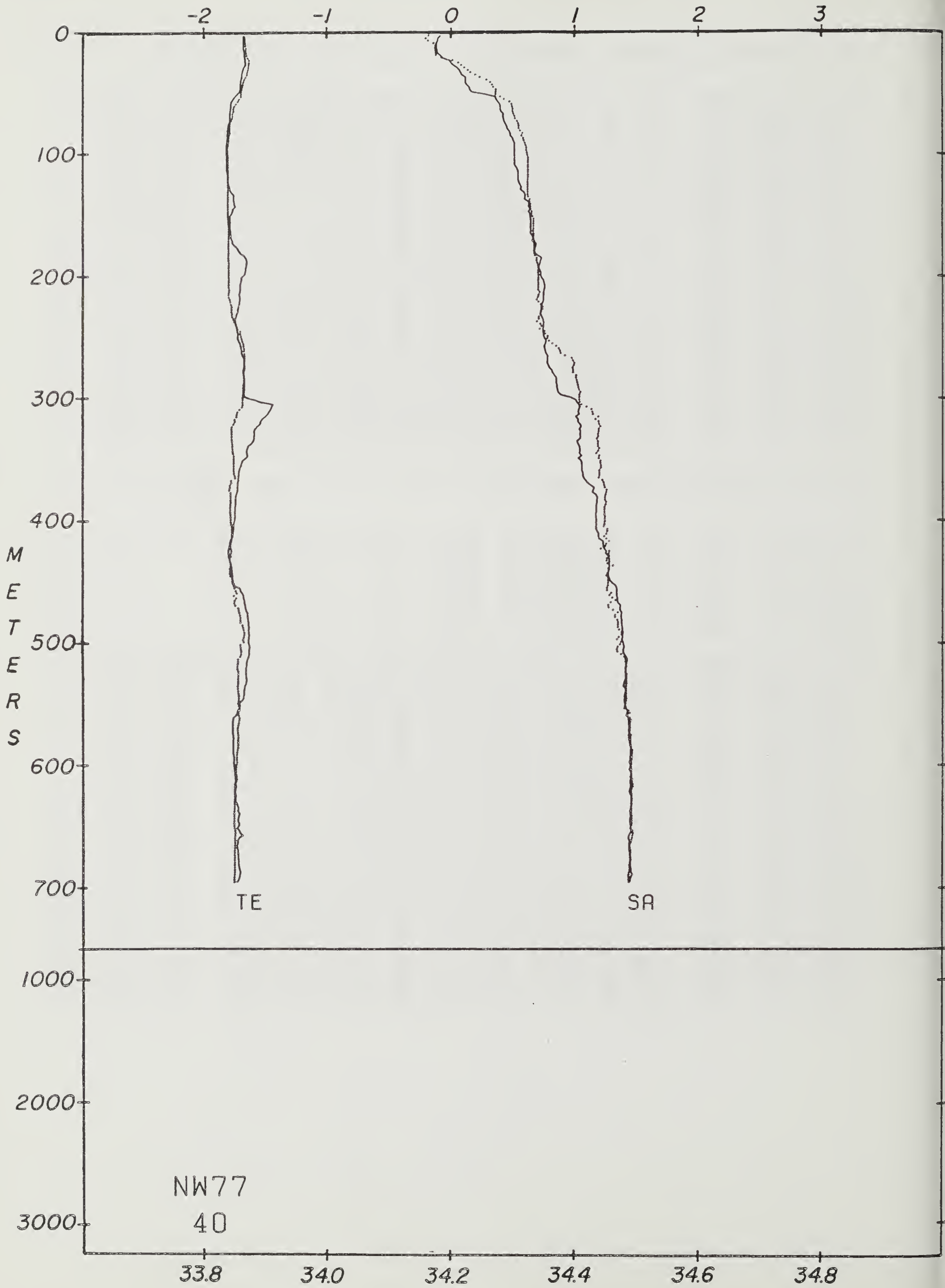
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 21.5S	163 49.2W	568	530	997.5	50	19	-2.2	2	0	0	2003	25DEC76	NW	77	1	39

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.567	-1.567	.306	34.177	27.524	29.930	32.306	36.971	56.98	0.000	1440.9	0
10	-1.607	-1.607	.273	34.169	27.519	29.926	32.303	36.968	57.41	.006	1440.8	10
20	-1.633	-1.634	.254	34.167	27.518	29.925	32.302	36.969	57.46	.011	1440.9	20
30	-1.645	-1.646	.251	34.204	27.549	29.956	32.333	37.000	54.48	.017	1441.0	30
40	-1.766	-1.766	.144	34.291	27.622	30.030	32.409	37.079	47.50	.022	1440.8	40
50	-1.812	-1.813	.106	34.311	27.639	30.049	32.428	37.099	45.78	.027	1440.7	50
60	-1.833	-1.834	.093	34.319	27.647	30.056	32.436	37.107	45.03	.031	1440.8	60
70	-1.821	-1.823	.113	34.327	27.653	30.062	32.442	37.113	44.36	.036	1441.0	71
80	-1.826	-1.827	.116	34.329	27.655	30.064	32.444	37.115	44.12	.040	1441.2	81
90	-1.836	-1.838	.114	34.336	27.660	30.070	32.449	37.121	43.55	.045	1441.3	91
100	-1.822	-1.824	.135	34.337	27.661	30.070	32.450	37.121	43.41	.049	1441.5	101
125	-1.609	-1.612	.369	34.365	27.678	30.084	32.459	37.124	41.75	.060	1443.0	126
150	-1.848	-1.851	.150	34.389	27.704	30.113	32.493	37.164	39.08	.070	1442.3	151
175	-1.849	-1.853	.169	34.407	27.719	30.128	32.508	37.179	37.48	.079	1442.8	176
200	-1.862	-1.867	.176	34.416	27.727	30.136	32.516	37.187	36.60	.089	1443.1	202
225	-1.871	-1.876	.186	34.429	27.737	30.146	32.526	37.198	35.48	.098	1443.5	227
250	-1.878	-1.883	.199	34.431	27.738	30.149	32.528	37.200	35.16	.106	1443.9	252
275	-1.876	-1.882	.220	34.438	27.744	30.154	32.534	37.206	34.47	.115	1444.3	277
300	-1.872	-1.879	.243	34.441	27.746	30.156	32.536	37.208	34.10	.124	1444.8	302
325	-1.863	-1.870	.272	34.445	27.749	30.159	32.538	37.210	33.68	.132	1445.2	328
350	-1.866	-1.874	.288	34.447	27.751	30.161	32.541	37.212	33.36	.141	1445.6	353
375	-1.857	-1.866	.316	34.450	27.754	30.163	32.543	37.214	32.98	.149	1446.1	378
400	-1.850	-1.860	.342	34.455	27.757	30.167	32.546	37.217	32.50	.157	1446.5	403
425	-1.848	-1.858	.363	34.460	27.761	30.171	32.550	37.221	31.98	.165	1447.0	429
450	-1.846	-1.857	.384	34.463	27.764	30.173	32.552	37.223	31.61	.173	1447.4	454
475	-1.819	-1.831	.450	34.472	27.770	30.180	32.558	37.228	30.87	.181	1448.0	479
500	-1.795	-1.808	.474	34.485	27.780	30.189	32.567	37.236	29.83	.188	1448.5	504
524	-1.767	-1.780	.522	34.494	27.787	30.195	32.573	37.241	29.12	.195	1449.1	529

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 21.7S	163 49.6W	568	530	997.4	50	17	-1.4	2	0	0	2104	25DEC76	NW	77	2	39

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.59	-1.59	0.28	34.175	27.52	29.93	8.17	55	1.82	-0.64			2	39
41	-1.66	-1.66	0.25	34.249	27.59	29.99	7.81	58	2.02			C7	2	39
48	-1.80	-1.80	0.12	34.293	27.62	30.03	7.31	60	2.10	-0.67			2	39
121	-1.65	-1.65	0.33	34.369	27.68	30.09						C1	2	39
210	-1.86	-1.86	0.19	34.423	27.73	30.14	7.16	60	2.19			C7	2	39
311	-1.87	-1.88	0.25	34.440	27.75	30.16	7.16	63	2.18	-0.68			2	39
424	-1.85	-1.86	0.36	34.455	27.76	30.17	7.10	62	2.22				2	39
528	-1.78	-1.79	0.51	34.494	27.79	30.20	6.76	68	2.42	-0.65			2	39

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.569	-1.569	.304	34.177	27.524	29.930	32.306	36.971	56.97	0.000	1440.9	0
10	-1.582	-1.582	.298	34.168	27.518	29.924	32.300	36.965	57.54	.006	1441.0	10
20	-1.592	-1.593	.294	34.166	27.516	29.923	32.299	36.965	57.62	.011	1441.1	20
30	-1.623	-1.624	.274	34.205	27.549	29.955	32.332	36.998	54.52	.017	1441.1	30
40	-1.709	-1.709	.201	34.290	27.620	30.028	32.406	37.073	47.67	.022	1441.0	40
50	-1.807	-1.808	.111	34.310	27.639	30.048	32.427	37.098	45.83	.027	1440.7	50
60	-1.824	-1.826	.102	34.316	27.644	30.054	32.433	37.104	45.26	.031	1440.8	60
70	-1.821	-1.823	.113	34.323	27.650	30.059	32.439	37.110	44.65	.036	1441.0	71
80	-1.828	-1.830	.114	34.332	27.657	30.066	32.446	37.117	43.93	.040	1441.2	81
90	-1.828	-1.829	.122	34.335	27.660	30.069	32.449	37.120	43.60	.045	1441.3	91
100	-1.797	-1.800	.160	34.339	27.662	30.071	32.450	37.120	43.33	.049	1441.7	101
125	-1.693	-1.696	.285	34.370	27.685	30.092	32.469	37.135	41.10	.060	1442.6	126
150	-1.856	-1.859	.143	34.390	27.705	30.114	32.494	37.166	38.96	.070	1442.3	151
175	-1.837	-1.841	.182	34.408	27.719	30.128	32.508	37.179	37.46	.079	1442.8	176
200	-1.857	-1.861	.182	34.424	27.733	30.142	32.521	37.193	36.04	.088	1443.2	202
225	-1.868	-1.873	.190	34.429	27.737	30.146	32.526	37.197	35.49	.097	1443.5	227
250	-1.866	-1.872	.211	34.433	27.740	30.150	32.529	37.201	35.04	.106	1444.0	252
275	-1.868	-1.874	.228	34.435	27.742	30.151	32.531	37.202	34.72	.115	1444.4	277
300	-1.861	-1.868	.254	34.436	27.742	30.152	32.531	37.203	34.52	.124	1444.8	302
325	-1.859	-1.867	.275	34.441	27.746	30.156	32.535	37.206	33.99	.132	1445.2	328
350	-1.857	-1.865	.297	34.443	27.748	30.157	32.537	37.208	33.70	.141	1445.7	353
375	-1.854	-1.863	.319	34.447	27.751	30.161	32.540	37.212	33.20	.149	1446.1	378
400	-1.850	-1.859	.342	34.453	27.756	30.165	32.545	37.216	32.65	.157	1446.5	403
425	-1.843	-1.853	.368	34.453	27.756	30.165	32.544	37.215	32.50	.165	1447.0	429
450	-1.828	-1.839	.402	34.457	27.759	30.168	32.547	37.217	32.10	.173	1447.5	454
475	-1.816	-1.827	.434	34.472	27.770	30.179	32.558	37.228	30.89	.181	1448.0	479
500	-1.789	-1.802	.480	34.475	27.772	30.181	32.559	37.228	30.61	.189	1448.5	504
528	-1.761	-1.774	.531	34.495	27.787	30.195	32.573	37.241	29.05	.197	1449.2	533



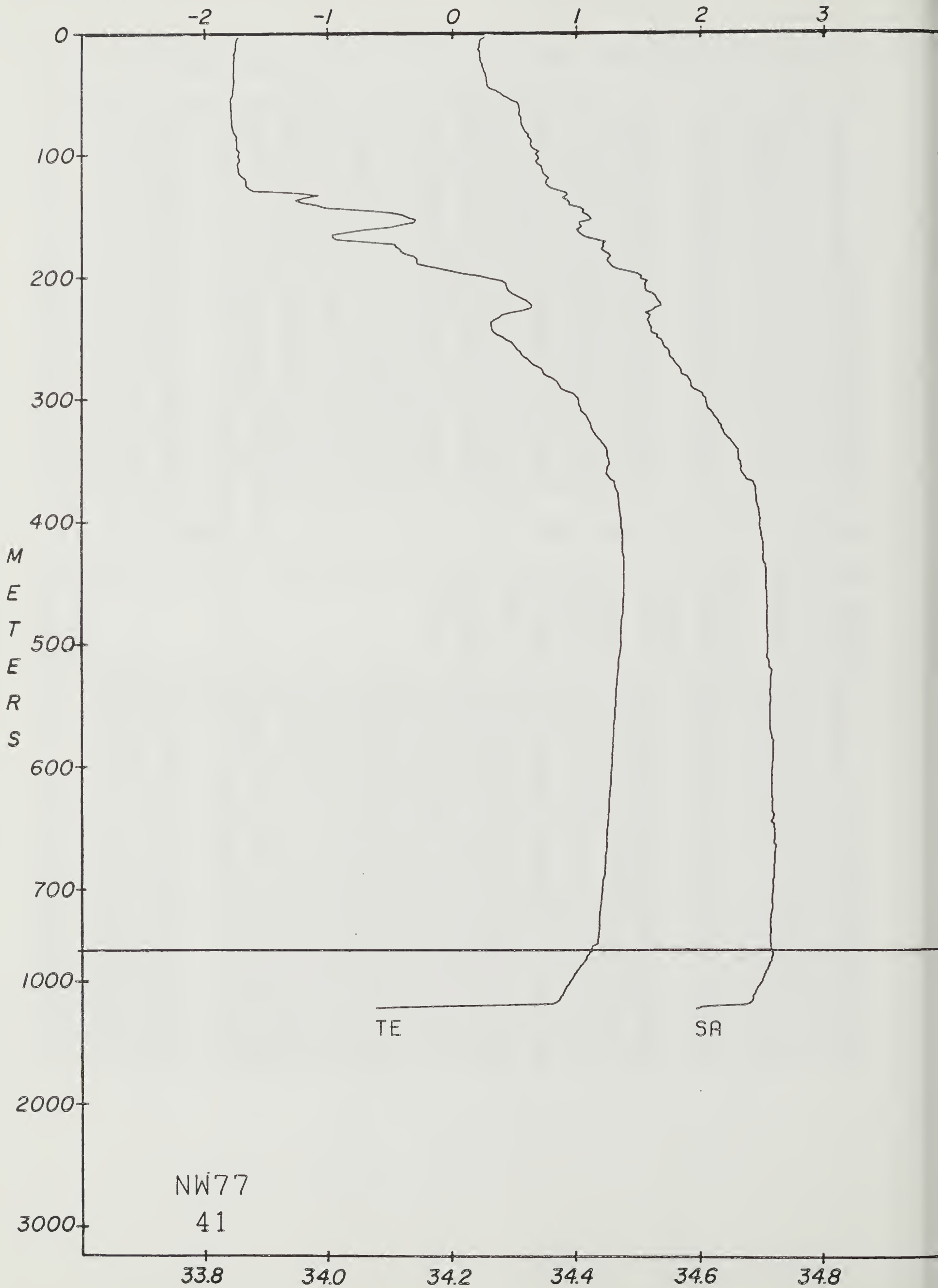
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 13.8S	163 27.6W	568	699	997.0	70	14	-1.7	1		0	0	2342	25DEC76	NW	77	1	40

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.644	-1.644	.229	34.183	27.531	29.938	32.315	36.982	56.32	0.000	1440.5	0
10	-1.683	-1.683	.197	34.177	27.528	29.935	32.313	36.981	56.62	.006	1440.5	10
20	-1.668	-1.669	.220	34.189	27.537	29.944	32.322	36.989	55.67	.011	1440.7	20
30	-1.686	-1.687	.211	34.214	27.558	29.966	32.344	37.011	53.60	.017	1440.9	30
40	-1.705	-1.706	.200	34.225	27.567	29.975	32.353	37.021	52.70	.022	1440.9	40
50	-1.734	-1.735	.181	34.257	27.594	30.002	32.381	37.050	50.07	.027	1441.0	50
60	-1.786	-1.787	.138	34.280	27.614	30.023	32.402	37.072	48.10	.032	1441.0	60
70	-1.793	-1.794	.139	34.285	27.618	30.027	32.407	37.077	47.65	.037	1441.1	71
80	-1.811	-1.813	.129	34.295	27.627	30.036	32.415	37.086	46.81	.042	1441.2	81
90	-1.818	-1.820	.130	34.303	27.633	30.043	32.422	37.093	46.10	.046	1441.3	91
100	-1.818	-1.820	.137	34.303	27.633	30.043	32.422	37.093	46.04	.051	1441.5	101
125	-1.796	-1.798	.179	34.314	27.641	30.051	32.429	37.100	45.12	.062	1442.0	126
150	-1.790	-1.793	.205	34.329	27.654	30.063	32.442	37.112	43.81	.073	1442.5	151
175	-1.739	-1.743	.276	34.338	27.660	30.068	32.446	37.114	43.12	.084	1443.2	176
200	-1.693	-1.698	.341	34.348	27.667	30.074	32.451	37.118	42.34	.095	1443.8	202
225	-1.723	-1.728	.330	34.347	27.666	30.074	32.452	37.120	42.20	.105	1444.1	227
250	-1.727	-1.732	.346	34.353	27.671	30.079	32.457	37.125	41.58	.116	1444.5	252
275	-1.681	-1.687	.411	34.363	27.679	30.086	32.463	37.129	40.81	.126	1445.1	277
300	-1.597	-1.605	.516	34.402	27.708	30.113	32.489	37.153	38.01	.136	1446.0	302
325	-1.593	-1.601	.539	34.410	27.714	30.120	32.495	37.159	37.26	.146	1446.5	328
350	-1.691	-1.699	.461	34.411	27.718	30.125	32.502	37.168	36.70	.155	1446.4	353
375	-1.734	-1.743	.438	34.431	27.735	30.143	32.520	37.188	34.88	.164	1446.6	378
400	-1.758	-1.768	.433	34.436	27.740	30.148	32.526	37.194	34.28	.172	1447.0	403
425	-1.804	-1.814	.407	34.451	27.753	30.162	32.541	37.210	32.78	.181	1447.2	429
450	-1.767	-1.778	.463	34.462	27.761	30.169	32.547	37.216	31.96	.189	1447.8	454
475	-1.648	-1.660	.602	34.476	27.770	30.176	32.552	37.217	31.19	.197	1448.8	479
500	-1.636	-1.650	.633	34.479	27.772	30.178	32.554	37.218	30.87	.204	1449.3	504
550	-1.714	-1.729	.593	34.482	27.776	30.184	32.561	37.228	30.05	.220	1449.7	555
600	-1.758	-1.774	.588	34.490	27.784	30.192	32.570	37.238	28.99	.234	1450.4	605
650	-1.730	-1.748	.653	34.491	27.784	30.192	32.569	37.236	28.78	.249	1451.3	656
694	-1.738	-1.757	.679	34.489	27.782	30.190	32.568	37.235	28.67	.262	1452.0	700

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 13.4S	163 33.1W	568	699	996.9	70	11	-1.1	1		0	0	40	26DEC76	NW	77	2	40

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.68	-1.68	0.19	34.165	27.52	29.93							2	40
180	-1.81	-1.81	0.21	34.336	27.66	30.07							2	40
222	-1.77	-1.78	0.28	34.349	27.67	30.08							2	40
441	-1.78	-1.79	0.44	34.456	27.76	30.17							2	40
520	-1.74	-1.75	0.54	34.483	27.78	30.19							2	40
694	-1.76	-1.78	0.66	34.488	27.78	30.19						C7	2	40

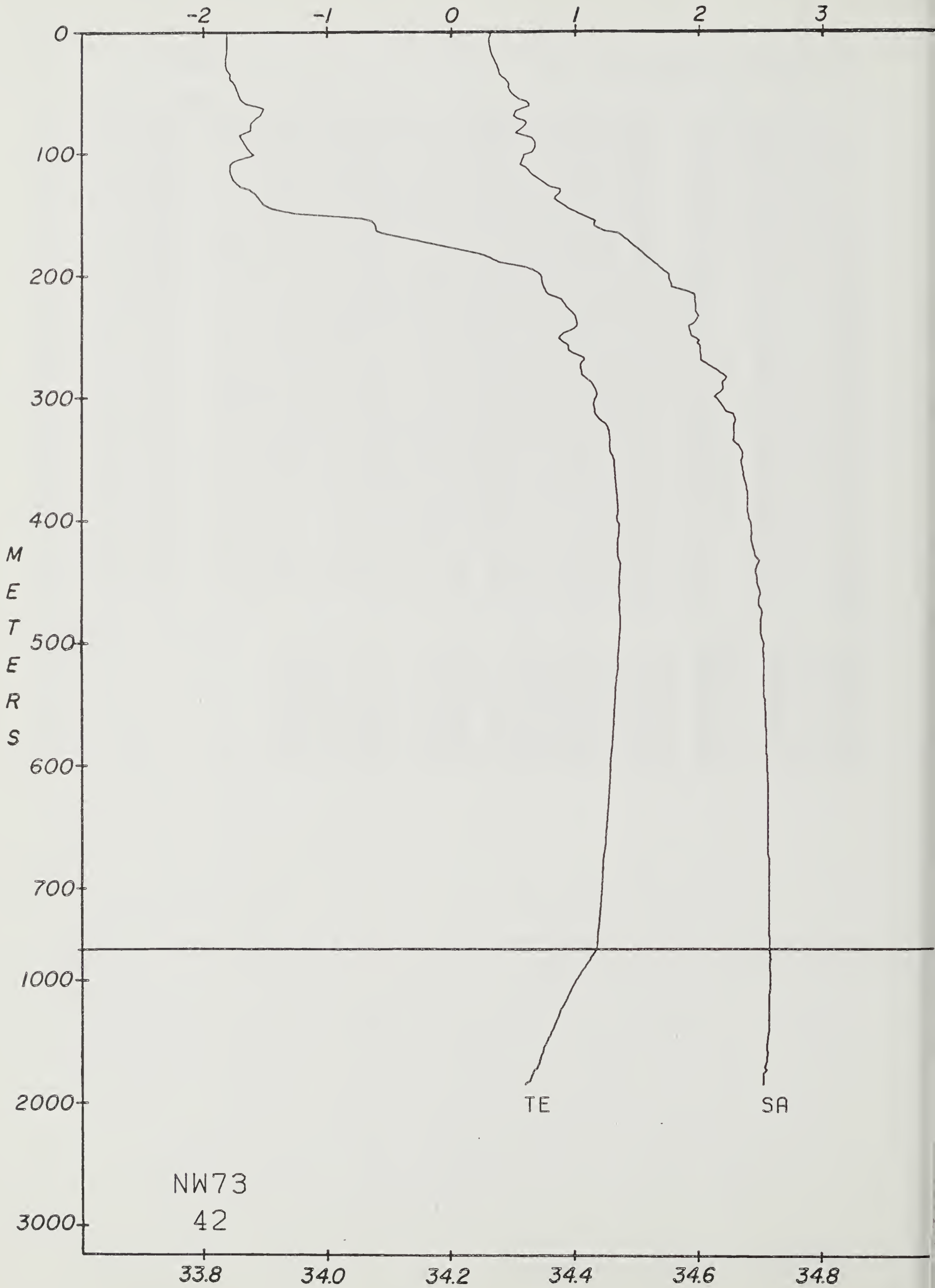
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.664	-1.664	.208	34.165	27.517	29.925	32.303	36.970	57.65	0.000	1440.4	0
10	-1.663	-1.663	.217	34.175	27.525	29.933	32.310	36.978	56.82	.006	1440.6	10
20	-1.644	-1.645	.244	34.188	27.536	29.943	32.320	36.987	55.79	.011	1440.8	20
30	-1.645	-1.646	.253	34.228	27.569	29.975	32.352	37.019	52.63	.017	1441.1	30
40	-1.683	-1.684	.224	34.264	27.599	30.006	32.383	37.050	49.72	.022	1441.1	40
50	-1.701	-1.702	.215	34.276	27.608	30.016	32.393	37.061	48.75	.027	1441.2	50
60	-1.755	-1.756	.170	34.300	27.629	30.038	32.416	37.085	46.67	.032	1441.1	60
70	-1.774	-1.775	.159	34.305	27.634	30.043	32.421	37.091	46.16	.036	1441.2	71
80	-1.793	-1.795	.148	34.313	27.641	30.050	32.429	37.099	45.46	.041	1441.3	81
90	-1.803	-1.805	.146	34.321	27.647	30.056	32.435	37.106	44.78	.045	1441.4	91
100	-1.808	-1.810	.149	34.325	27.651	30.060	32.439	37.109	44.40	.050	1441.6	101
125	-1.809	-1.811	.167	34.325	27.651	30.060	32.439	37.110	44.24	.061	1442.0	126
150	-1.806	-1.809	.189	34.333	27.658	30.066	32.446	37.116	43.45	.072	1442.4	151
175	-1.803	-1.807	.211	34.326	27.660	30.069	32.448	37.118	43.10	.083	1442.9	176
200	-1.797	-1.801	.237	34.343	27.665	30.074	32.453	37.123	42.43	.093	1443.3	202
225	-1.776	-1.781	.277	34.350	27.670	30.079	32.457	37.127	41.82	.104	1443.8	227
250	-1.693	-1.699	.380	34.357	27.674	30.082	32.459	37.126	41.33	.114	1444.7	252
275	-1.672	-1.679	.422	34.398	27.707	30.114	32.490	37.156	38.16	.124	1445.2	277
300	-1.688	-1.695	.426	34.409	27.716	30.123	32.500	37.166	37.13	.134	1445.6	302
325	-1.777	-1.784	.357	34.440	27.743	30.152	32.530	37.199	34.35	.143	1445.6	328
350	-1.760	-1.768	.394	34.442	27.744	30.153	32.530	37.199	34.12	.151	1446.1	353
375	-1.790	-1.799	.383	34.452	27.754	30.163	32.541	37.210	33.04	.159	1446.4	378
400	-1.781	-1.791	.410	34.450	27.751	30.160	32.538	37.207	33.14	.168	1446.9	403
425	-1.780	-1.790	.431	34.457	27.757	30.166	32.544	37.213	32.46	.176	1447.3	429
450	-1.759	-1.771	.471	34.455	27.755	30.163	32.541	37.210	32.51	.184	1447.8	454
475	-1.712	-1.724	.538	34.468	27.765	30.172	32.549	37.216	31.54	.192	1448.5	479
500	-1.701	-1.715	.567	34.474	27.769	30.176	32.553	37.220	31.03	.200	1448.9	504
550	-1.720	-1.734	.587	34.482	27.776	30.184	32.561	37.228	30.07	.215	1449.7	555
600	-1.742	-1.758	.604	34.492	27.785	30.192	32.570	37.238	28.95	.230	1450.4	605
650	-1.755	-1.773	.628	34.491	27.785	30.193	32.571	37.239	28.65	.244	1451.2	656
694	-1.759	-1.778	.658	34.488	27.782	30.190	32.568	37.236	28.66	.257	1451.9	700



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 76 6.6S 163 22.1W 568 1224 996.8 70 10 -1.1 1 0 0 153 26DEC76 NW 77 1 41

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.728	-1.728	.149	34.252	27.590	29.998	32.376	37.043	50.81	0.000	1440.2	0
10	-1.750	-1.750	.134	34.242	27.582	29.991	32.369	37.039	51.42	.003	1440.3	10
20	-1.763	-1.764	.128	34.245	27.585	29.994	32.372	37.042	51.14	.010	1440.4	20
30	-1.766	-1.766	.133	34.251	27.590	29.998	32.377	37.047	50.61	.013	1440.5	30
40	-1.764	-1.765	.143	34.256	27.594	30.002	32.381	37.051	50.17	.020	1440.7	40
50	-1.777	-1.778	.139	34.281	27.614	30.023	32.402	37.072	48.14	.023	1440.8	50
60	-1.787	-1.788	.138	34.308	27.637	30.045	32.424	37.094	45.99	.030	1441.0	60
70	-1.780	-1.782	.153	34.311	27.639	30.047	32.426	37.096	45.73	.035	1441.2	71
80	-1.763	-1.765	.178	34.318	27.644	30.053	32.431	37.101	45.14	.039	1441.5	81
90	-1.738	-1.740	.212	34.327	27.650	30.058	32.436	37.105	44.50	.044	1441.8	91
100	-1.725	-1.727	.232	34.335	27.657	30.065	32.443	37.111	43.80	.048	1442.0	101
125	-1.646	-1.649	.331	34.357	27.672	30.079	32.456	37.121	42.25	.059	1442.8	126
150	-.343	-.348	1.657	34.420	27.676	30.062	32.418	37.044	42.39	.069	1449.4	151
175	-.432	-.438	1.588	34.444	27.699	30.086	32.444	37.072	40.11	.080	1449.4	176
200	.311	.303	2.354	34.507	27.713	30.089	32.435	37.041	39.19	.090	1453.3	202
225	.603	.594	2.666	34.523	27.708	30.080	32.422	37.019	39.79	.099	1455.1	227
250	.431	.421	2.514	34.536	27.729	30.103	32.448	37.050	37.73	.109	1454.7	252
275	.728	.716	2.832	34.569	27.738	30.108	32.448	37.041	37.12	.118	1456.5	277
300	1.021	1.007	3.146	34.609	27.751	30.117	32.453	37.038	36.12	.128	1458.3	302
325	1.140	1.125	3.286	34.638	27.767	30.131	32.464	37.046	34.86	.137	1459.3	328
350	1.268	1.251	3.434	34.666	27.780	30.142	32.474	37.052	33.78	.145	1460.3	353
375	1.337	1.318	3.523	34.691	27.795	30.157	32.487	37.063	32.48	.153	1461.1	378
400	1.362	1.341	3.568	34.697	27.798	30.159	32.490	37.065	32.31	.161	1461.6	403
425	1.378	1.356	3.603	34.703	27.802	30.163	32.493	37.068	32.03	.170	1462.1	429
450	1.385	1.362	3.629	34.708	27.805	30.166	32.496	37.071	31.82	.178	1462.6	454
475	1.375	1.350	3.638	34.709	27.807	30.168	32.498	37.073	31.74	.185	1462.9	479
500	1.358	1.332	3.641	34.710	27.809	30.170	32.501	37.076	31.62	.193	1463.3	504
550	1.315	1.287	3.636	34.714	27.815	30.177	32.508	37.085	31.12	.209	1463.9	555
600	1.285	1.254	3.644	34.717	27.820	30.183	32.515	37.092	30.75	.223	1464.6	605
650	1.250	1.216	3.647	34.722	27.826	30.190	32.522	37.100	30.28	.240	1465.3	656
700	1.209	1.172	3.644	34.719	27.826	30.191	32.524	37.103	30.30	.253	1466.0	706
750	1.122	1.083	3.595	34.718	27.832	30.198	32.532	37.114	29.76	.270	1466.4	757
800	1.083	1.041	3.593	34.717	27.833	30.200	32.535	37.118	29.65	.285	1467.1	808
850	1.060	1.015	3.608	34.714	27.833	30.200	32.535	37.119	29.80	.300	1467.8	858
900	1.023	.975	3.609	34.710	27.832	30.200	32.536	37.121	29.86	.315	1468.5	909
950	.964	.934	3.607	34.705	27.830	30.199	32.535	37.122	30.03	.330	1469.1	959
1000	.954	.901	3.615	34.701	27.829	30.199	32.535	37.123	30.17	.345	1469.8	1010
1100	.893	.834	3.630	34.689	27.823	30.194	32.532	37.121	30.72	.375	1471.2	1111
1200	.021	-.036	2.829	34.605	27.807	30.190	32.541	37.156	29.57	.405	1468.8	1212
1221	-.610	-.661	2.213	34.595	27.829	30.221	32.581	37.214	25.43	.411	1466.3	1234

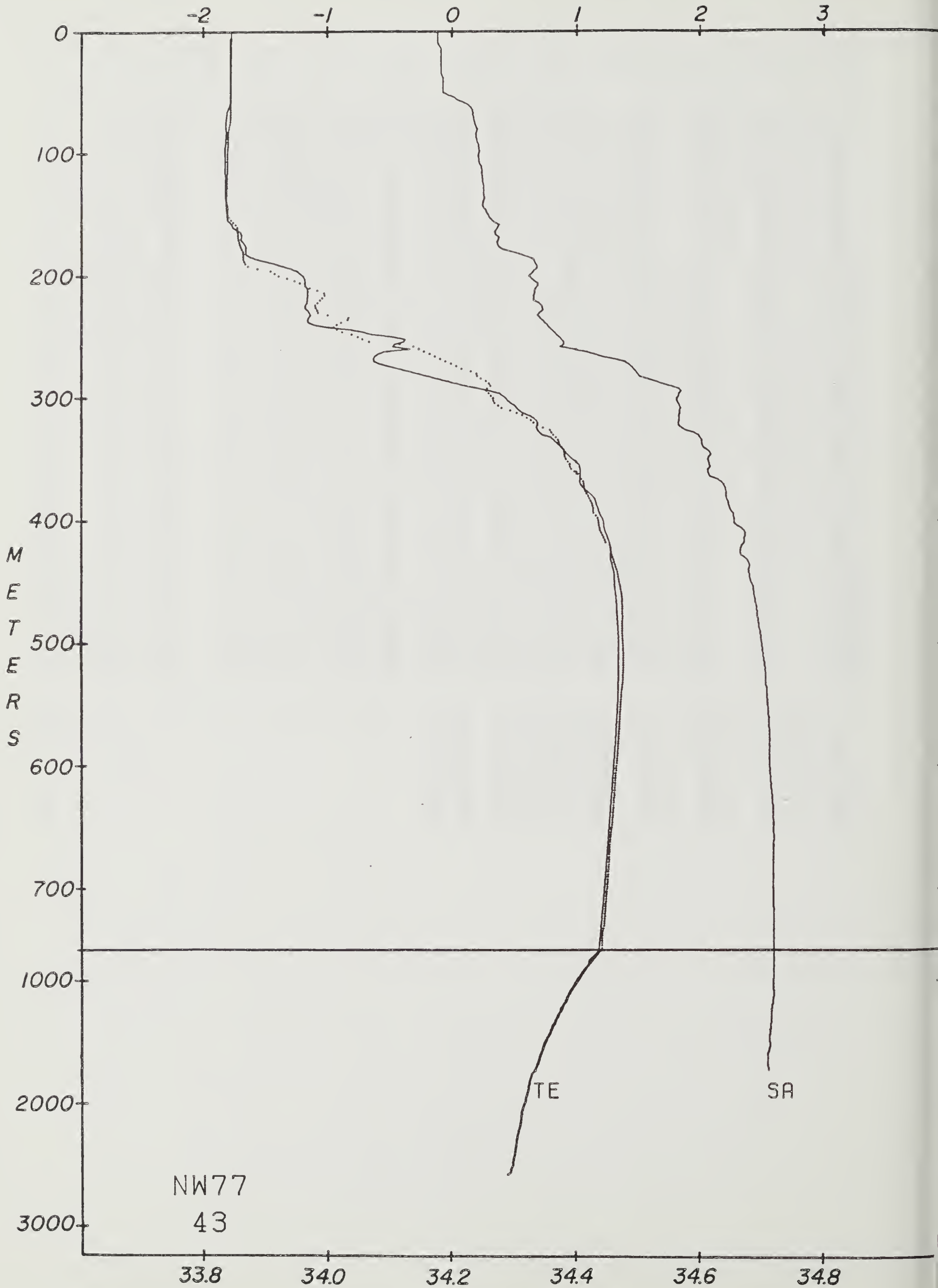
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
129	-1.50	-1.50	0.48	34.361	27.67	30.08	6.80	60	2.20			C7E6	0	41
229	0.39	0.38	2.46	34.515	27.71	30.09	5.22	82	2.33				0	41
248	0.24	0.23	2.32	34.526	27.73	30.11		80	2.29			C7	0	41
287	0.84	0.83	2.95	34.593	27.75	30.12	4.96	87	2.33				0	41
401	1.38	1.36	3.59	34.699	27.80	30.16	4.53	95	2.33			C7	0	41
629	1.25	1.22	3.63	34.721	27.83	30.19	4.53	108	2.33				0	41
943	0.90	0.85	3.52	34.717	27.85	30.22	4.73	112	2.33			C7	0	41
1166	0.79	0.73	3.58	34.714	27.85	30.22	4.83	115	2.34			D6A	0	41
1208	-0.43	-0.48	2.38	34.587	27.81	30.20	5.74	84	2.28			A	0	41
1221	-0.61	-0.66	2.21	34.599	27.83	30.22	6.04	80	2.22	-0.34		C1	0	41



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIR TM P GLAC SD GMT DAMONYR SH CR M STN
 76 3.1S 163 7.0W 568 1856 996.9 50 16 -0.1 1 0 0 540 26DEC76 NW 73 1 42

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.813	-1.813	.065	34.263	27.601	30.010	32.390	37.061	49.73	0.000	1439.8	0
10	-1.813	-1.813	.072	34.262	27.600	30.009	32.389	37.060	49.76	.005	1440.0	10
20	-1.821	-1.821	.072	34.268	27.605	30.015	32.394	37.066	49.19	.010	1440.1	20
30	-1.811	-1.812	.090	34.277	27.612	30.021	32.401	37.072	48.49	.015	1440.4	30
40	-1.764	-1.764	.146	34.292	27.623	30.032	32.410	37.080	47.38	.020	1440.8	40
50	-1.718	-1.719	.199	34.301	27.629	30.037	32.414	37.082	46.79	.024	1441.2	50
60	-1.572	-1.573	.355	34.325	27.645	30.050	32.425	37.089	45.27	.029	1442.0	60
70	-1.578	-1.580	.355	34.308	27.631	30.036	32.412	37.076	46.51	.033	1442.2	71
80	-1.631	-1.633	.309	34.309	27.634	30.040	32.417	37.082	46.17	.038	1442.1	81
90	-1.673	-1.675	.277	34.336	27.657	30.064	32.440	37.107	43.93	.043	1442.1	91
100	-1.607	-1.609	.350	34.321	27.643	30.049	32.424	37.089	43.23	.047	1442.5	101
125	-1.708	-1.711	.269	34.358	27.676	30.083	32.460	37.128	41.93	.058	1442.5	126
150	-.965	-.970	1.035	34.417	27.699	30.095	32.460	37.105	39.90	.068	1446.5	151
175	-.043	-.050	1.980	34.497	27.723	30.105	32.456	37.072	38.00	.078	1451.3	176
200	.736	.727	2.781	34.553	27.724	30.094	32.434	37.028	38.30	.087	1455.3	202
225	.942	.932	3.009	34.595	27.745	30.112	32.448	37.036	36.50	.097	1456.7	227
250	.878	.867	2.964	34.597	27.751	30.118	32.456	37.045	35.97	.106	1456.8	252
275	1.050	1.037	3.157	34.627	27.764	30.129	32.464	37.048	34.93	.115	1458.1	277
300	1.161	1.147	3.287	34.631	27.760	30.123	32.457	37.038	35.47	.124	1459.0	302
325	1.271	1.255	3.418	34.658	27.773	30.136	32.467	37.045	34.33	.132	1459.9	328
350	1.316	1.299	3.483	34.669	27.780	30.141	32.472	37.049	33.87	.141	1460.6	353
375	1.336	1.317	3.522	34.679	27.786	30.148	32.478	37.054	33.33	.149	1461.1	378
400	1.346	1.325	3.551	34.684	27.789	30.150	32.481	37.056	33.17	.158	1461.5	403
425	1.343	1.321	3.568	34.691	27.795	30.156	32.487	37.062	32.70	.166	1462.0	429
450	1.356	1.333	3.600	34.695	27.798	30.159	32.490	37.065	32.52	.174	1462.4	454
475	1.361	1.337	3.624	34.703	27.803	30.165	32.495	37.070	32.05	.182	1462.9	479
500	1.353	1.327	3.635	34.706	27.806	30.167	32.498	37.074	31.88	.190	1463.3	504
550	1.318	1.289	3.638	34.708	27.811	30.173	32.504	37.080	31.55	.206	1463.9	555
600	1.283	1.252	3.641	34.711	27.815	30.178	32.510	37.087	31.19	.222	1464.6	605
650	1.252	1.218	3.648	34.713	27.819	30.183	32.515	37.093	30.93	.237	1465.3	656
700	1.214	1.177	3.648	34.715	27.823	30.188	32.521	37.100	30.60	.252	1466.0	706
750	1.174	1.134	3.647	34.716	27.827	30.192	32.525	37.106	30.33	.268	1466.6	757
800	1.139	1.097	3.650	34.718	27.830	30.196	32.530	37.112	30.06	.283	1467.3	808
850	1.112	1.067	3.661	34.717	27.832	30.198	32.532	37.115	29.98	.298	1468.0	858
900	1.080	1.032	3.666	34.716	27.833	30.200	32.535	37.119	29.89	.313	1468.7	909
950	1.045	.994	3.669	34.717	27.836	30.204	32.540	37.124	29.63	.328	1469.4	959
1000	1.012	.959	3.675	34.717	27.839	30.207	32.543	37.128	29.45	.342	1470.1	1010
1100	.960	.901	3.698	34.716	27.841	30.211	32.547	37.135	29.27	.372	1471.5	1111
1200	.911	.846	3.725	34.715	27.844	30.215	32.552	37.141	29.09	.401	1473.0	1212
1300	.865	.794	3.755	34.715	27.847	30.219	32.557	37.147	28.85	.430	1474.5	1314
1400	.825	.748	3.791	34.715	27.849	30.222	32.561	37.153	28.64	.459	1476.0	1415
1500	.777	.693	3.819	34.712	27.850	30.224	32.563	37.157	28.55	.487	1477.4	1517
1600	.739	.648	3.856	34.712	27.852	30.227	32.568	37.162	28.32	.516	1479.0	1619
1700	.704	.607	3.897	34.709	27.852	30.228	32.569	37.165	28.32	.544	1480.5	1720
1800	.646	.543	3.915	34.706	27.853	30.231	32.573	37.170	28.08	.572	1481.9	1821
1855	.600	.493	3.910	34.705	27.855	30.233	32.576	37.175	27.72	.588	1482.7	1877

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.81	-1.81	0.07	34.214	27.56	29.97						C7	0	42
100	-1.58	-1.58	0.38	34.312	27.63	30.04							0	42
165	-1.24	-1.24	0.77	34.353	27.66	30.06						C7	0	42
252	0.55	0.54	2.63	34.543	27.73	30.10						C7	0	42
592	1.29	1.26	3.64	34.722	27.82	30.19						C7	0	42
985	1.04	0.99	3.69	34.719	27.84	30.21							0	42
1480	0.78	0.70	3.81	34.711	27.85	30.22						C7	0	42
1727	0.68	0.58	3.89	34.711	27.85	30.23							0	42
1855	0.60	0.49	3.91	34.707	27.86	30.23				-0.17		A1	0	42



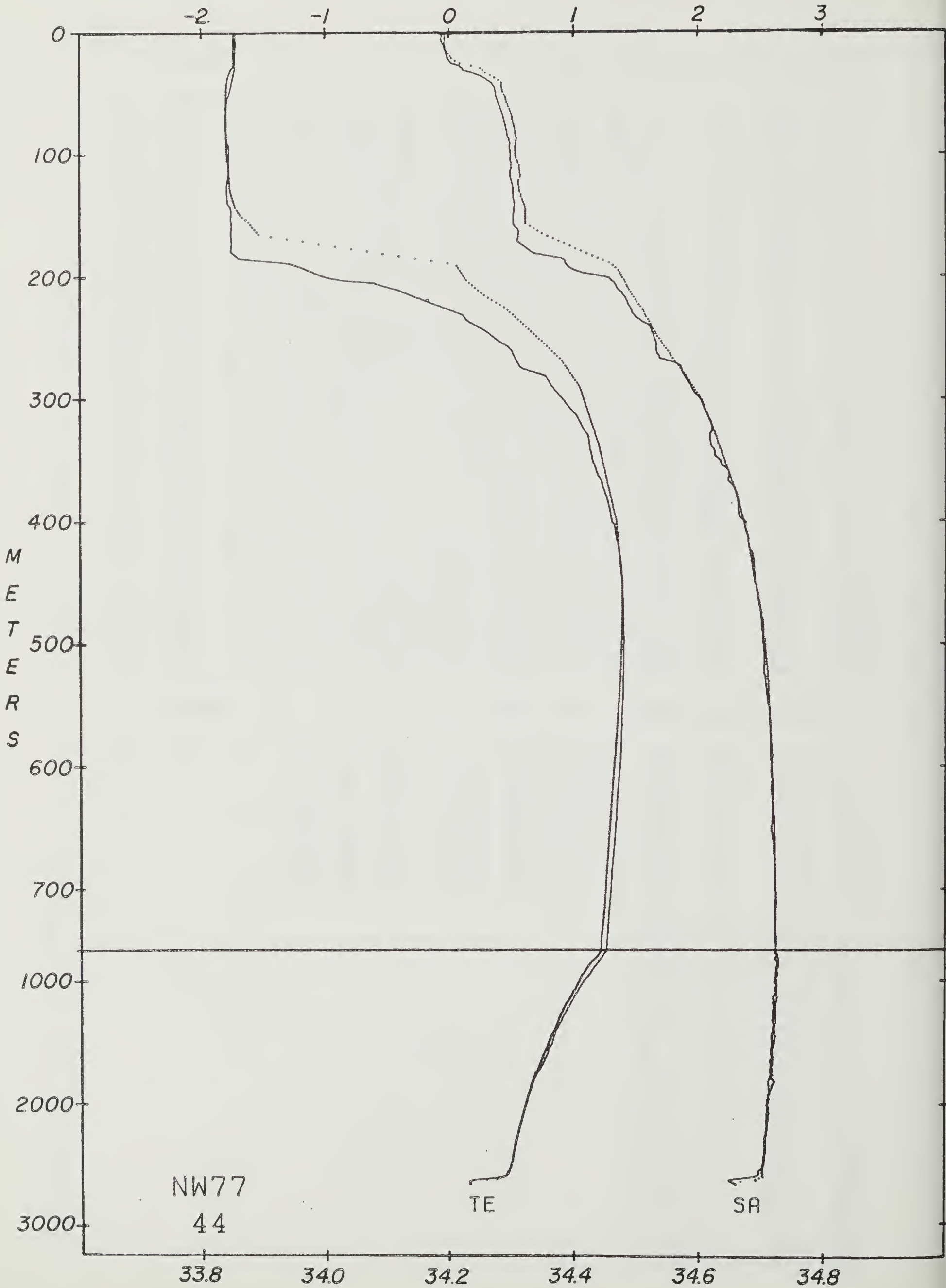
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 50.65 162 40.0W 568 2587 997.4 50 12 -0.1 1 0 0 1057 26DEC76 NW 77 1 43

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.768	-1.768	.105	34.177	27.530	29.937	32.318	36.989	56.44	0.000	1439.9	0
10	-1.769	-1.769	.111	34.179	27.532	29.941	32.320	36.991	56.23	.006	1440.1	10
20	-1.770	-1.770	.118	34.183	27.535	29.944	32.323	36.994	55.85	.011	1440.2	20
30	-1.772	-1.772	.124	34.183	27.535	29.944	32.324	36.994	55.78	.017	1440.4	30
40	-1.774	-1.775	.129	34.186	27.538	29.947	32.326	36.997	55.48	.022	1440.6	40
50	-1.774	-1.775	.137	34.188	27.539	29.948	32.327	36.998	55.29	.028	1440.7	50
60	-1.783	-1.785	.137	34.227	27.571	29.980	32.359	37.030	52.22	.033	1440.9	60
70	-1.811	-1.812	.118	34.236	27.579	29.988	32.367	37.039	51.41	.038	1441.0	71
80	-1.813	-1.814	.124	34.241	27.583	29.992	32.372	37.043	50.96	.044	1441.1	81
90	-1.816	-1.818	.128	34.242	27.584	29.993	32.373	37.045	50.80	.049	1441.3	91
100	-1.822	-1.824	.130	34.244	27.586	29.995	32.375	37.047	50.54	.054	1441.4	101
125	-1.818	-1.821	.153	34.252	27.592	30.001	32.381	37.053	49.82	.066	1441.9	126
150	-1.802	-1.805	.189	34.259	27.598	30.007	32.386	37.057	49.11	.079	1442.4	151
175	-1.655	-1.659	.356	34.275	27.607	30.014	32.391	37.057	48.16	.091	1443.5	176
200	-1.196	-1.202	.836	34.326	27.634	30.034	32.403	37.055	45.73	.103	1446.1	202
225	-1.181	-1.188	.871	34.345	27.649	30.048	32.417	37.069	44.24	.114	1446.6	227
250	-	-	1.573	34.372	27.644	30.033	32.392	37.023	45.03	.125	1450.3	252
275	-	-	1.635	34.492	27.739	30.127	32.485	37.114	36.09	.135	1451.0	277
300	.437	.424	2.559	34.563	27.751	30.125	32.469	37.071	35.72	.144	1455.6	302
325	.683	.668	2.825	34.575	27.745	30.116	32.456	37.051	36.47	.153	1457.2	328
350	.974	.958	3.137	34.614	27.758	30.124	32.461	37.047	35.58	.162	1459.0	353
375	1.079	1.060	3.262	34.642	27.774	30.139	32.473	37.057	34.25	.171	1459.9	378
400	1.217	1.197	3.420	34.655	27.775	30.138	32.471	37.050	34.33	.179	1460.9	403
425	1.278	1.256	3.501	34.665	27.779	30.141	32.473	37.051	34.10	.188	1461.6	429
450	1.307	1.284	3.550	34.683	27.791	30.153	32.484	37.061	33.09	.196	1462.2	454
475	1.328	1.303	3.590	34.692	27.797	30.159	32.490	37.066	32.61	.205	1462.7	479
500	1.340	1.314	3.622	34.700	27.802	30.164	32.495	37.071	32.21	.213	1463.2	504
550	1.331	1.302	3.651	34.710	27.811	30.173	32.504	37.080	31.36	.229	1464.0	555
600	1.298	1.267	3.657	34.712	27.815	30.178	32.509	37.086	31.23	.244	1464.7	605
650	1.261	1.227	3.658	34.719	27.823	30.187	32.519	37.097	30.56	.260	1465.4	656
700	1.223	1.186	3.658	34.718	27.825	30.190	32.522	37.101	30.45	.275	1466.0	706
750	1.179	1.139	3.652	34.720	27.830	30.195	32.528	37.109	30.07	.290	1466.7	757
800	1.132	1.090	3.642	34.720	27.833	30.199	32.533	37.115	29.80	.305	1467.3	808
850	1.100	1.055	3.648	34.720	27.835	30.202	32.536	37.119	29.65	.320	1468.0	858
900	1.067	1.019	3.653	34.720	27.837	30.205	32.540	37.123	29.48	.335	1468.7	909
950	1.029	.979	3.654	34.720	27.840	30.208	32.543	37.128	29.27	.349	1469.3	959
1000	1.000	.946	3.662	34.719	27.841	30.210	32.546	37.132	29.19	.364	1470.0	1010
1100	.937	.878	3.676	34.720	27.846	30.216	32.553	37.141	28.77	.393	1471.4	1111
1200	.886	.821	3.700	34.717	27.847	30.218	32.556	37.145	28.72	.422	1472.9	1212
1300	.837	.766	3.727	34.716	27.849	30.222	32.560	37.151	28.51	.450	1474.3	1314
1400	.789	.712	3.755	34.714	27.851	30.224	32.563	37.156	28.37	.479	1475.8	1415
1500	.740	.657	3.782	34.714	27.853	30.228	32.568	37.162	28.09	.507	1477.3	1517
1600	.703	.613	3.821	34.710	27.853	30.228	32.569	37.165	28.11	.535	1478.8	1618
1700	.674	.577	3.867	34.711	27.855	30.231	32.573	37.169	27.92	.563	1480.4	1720
1729	.660	.562	3.876	34.711	27.856	30.233	32.575	37.172	27.77	.571	1480.8	1749

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 50.65 162 40.0W 568 2587 997.5 30 13 0.2 1 0 0 1325 26DEC76 NW 77 2 43

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.77	-1.77	0.10	34.161	27.52	29.93	7.16	58	2.08			C7	2	43
159	-1.65	-1.65	0.35	34.287	27.62	30.02	6.85	63	2.17			C7	2	43
235	-0.42	-0.43	1.64	34.374	27.64	30.03	6.37	72	2.24			C7	2	43
465	1.37	1.35	3.63	34.701	27.80	30.16	4.51	97	2.24	-0.03		C7	2	43
763	1.17	1.13	3.65	34.722	27.83	30.20	4.52	112	2.29			C7	2	43
1231	0.86	0.79	3.70	34.715	27.85	30.22	4.75	120	2.31			C7	2	43
1731	0.66	0.56	3.88	34.707	27.95	30.23	4.97	128	2.32			C7	2	43
2080	0.56	0.44	4.04	34.698	27.85	30.23	4.85	130	2.34			C7	2	43
2482	0.48	0.33	4.27	34.697	27.86	30.24	5.04	136	2.34			C7	2	43
2563	0.47	0.31	4.32	34.697	27.86	30.24	4.89	133	2.35			C7	2	43
2586	0.44	0.28	4.31	34.704	27.86	30.25	4.90	132	2.34	-0.21		A	2	43

DPTH	TEMP	POTEM	T>TF	PRES
0	-1.779	-1.779	-.754	0
10	-1.779	-1.779	-.747	10
20	-1.779	-1.779	-.739	20
30	-1.779	-1.778	-.731	30
40	-1.779	-1.778	-.724	40
50	-1.779	-1.778	-.716	50
60	-1.775	-1.775	-.705	60
70	-1.776	-1.776	-.699	71
80	-1.792	-1.791	-.706	81
90	-1.798	-1.797	-.705	91
100	-1.801	-1.801	-.701	101
125	-1.807	-1.806	-.688	126
150	-1.797	-1.796	-.659	151
175	-1.697	-1.696	-.539	176
200	-1.380	-1.380	-.204	202
225	-1.097	-1.097	.098	227
250	-	-	.464	252
275	.062	.059	1.295	277
300	.330	.325	1.582	302
325	.759	.753	2.030	328
350	.916	.909	2.206	353
375	1.068	1.059	2.377	378
400	1.176	1.167	2.504	403
425	1.280	1.270	2.627	429
450	1.345	1.334	2.711	454
475	1.373	1.361	2.758	479
500	1.375	1.363	2.779	504
550	1.354	1.340	2.796	555



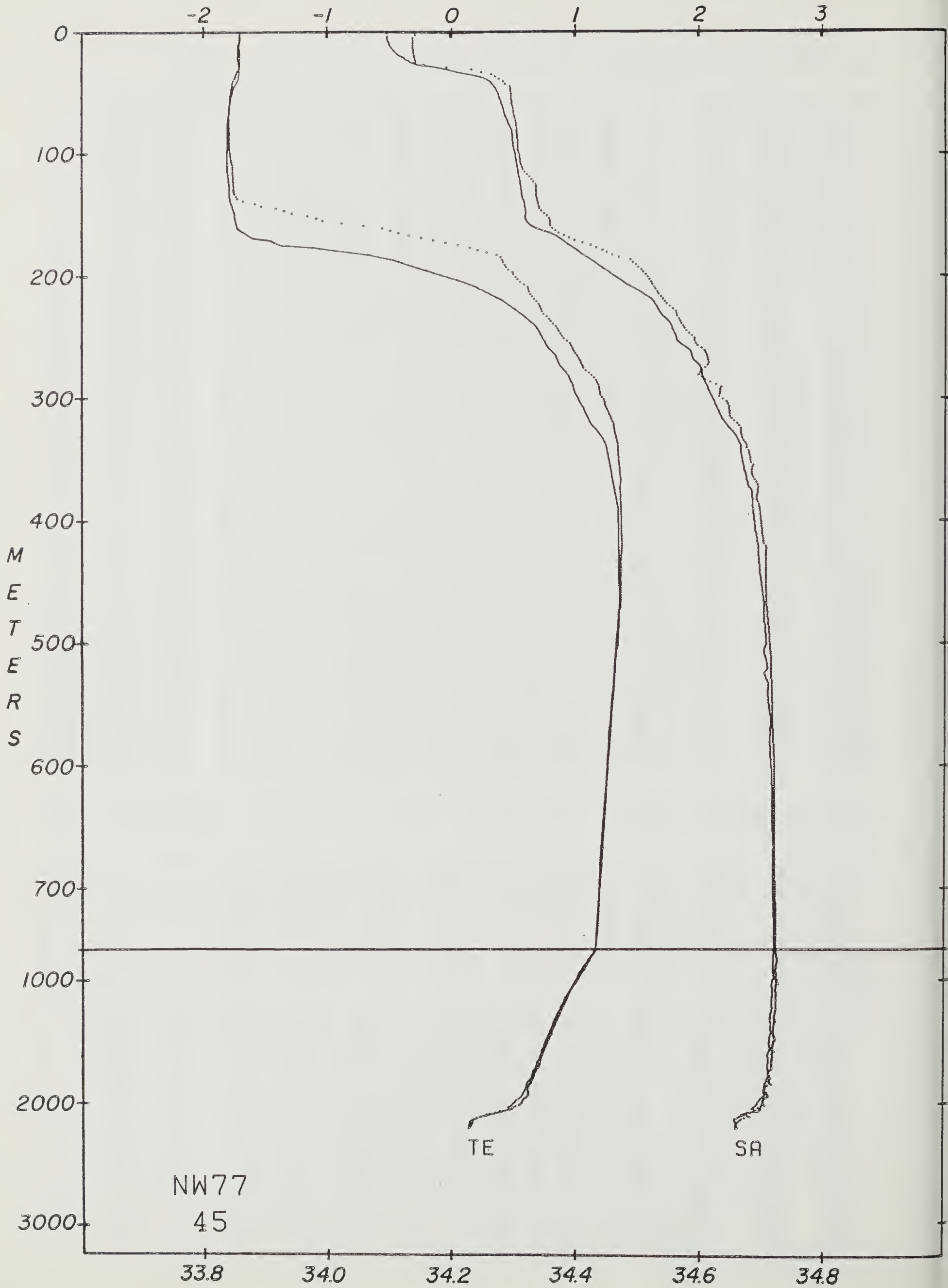
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 46.6S 169 46.9W 568 2662 994.2 250 11 -1.1 1 0 30 752 27DEC76 NW 77 1 44

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.722	-1.722	.151	34.192	27.541	29.949	32.328	36.997	55.39	0.000	1440.2	0
10	-1.724	-1.724	.157	34.194	27.543	29.951	32.329	36.998	55.20	.006	1440.3	10
20	-1.728	-1.728	.161	34.199	27.547	29.955	32.333	37.002	54.77	.011	1440.5	20
30	-1.733	-1.734	.165	34.226	27.569	29.977	32.356	37.025	52.57	.016	1440.6	30
40	-1.754	-1.755	.154	34.269	27.604	30.013	32.391	37.061	49.18	.021	1440.8	40
50	-1.779	-1.780	.137	34.277	27.611	30.020	32.399	37.069	48.47	.026	1440.8	50
60	-1.801	-1.802	.123	34.284	27.617	30.026	32.406	37.076	47.81	.031	1440.9	60
70	-1.805	-1.807	.126	34.290	27.622	30.031	32.411	37.081	47.28	.036	1441.1	71
80	-1.803	-1.804	.137	34.294	27.626	30.035	32.414	37.085	46.90	.041	1441.2	81
90	-1.785	-1.787	.163	34.299	27.629	30.038	32.417	37.087	46.48	.045	1441.5	91
100	-1.778	-1.780	.178	34.300	27.630	30.039	32.418	37.087	46.35	.050	1441.7	101
125	-1.796	-1.798	.179	34.304	27.633	30.042	32.421	37.092	45.89	.061	1442.0	126
150	-1.762	-1.765	.232	34.304	27.633	30.041	32.420	37.089	45.78	.073	1442.6	151
175	-1.758	-1.762	.255	34.324	27.649	30.057	32.436	37.105	44.14	.084	1443.1	176
200	-.956	-.962	1.084	34.455	27.730	30.125	32.491	37.134	36.82	.094	1447.4	202
225	-.013	-.021	2.048	34.493	27.719	30.100	32.451	37.066	38.41	.104	1452.3	227
250	.387	.376	2.469	34.531	27.728	30.103	32.448	37.051	37.83	.113	1454.5	252
275	.624	.612	2.728	34.576	27.750	30.121	32.463	37.059	35.93	.122	1456.1	277
300	.924	.910	3.049	34.606	27.755	30.122	32.459	37.047	35.70	.131	1457.9	302
325	1.094	1.078	3.239	34.623	27.758	30.122	32.457	37.040	35.66	.140	1459.1	328
350	1.161	1.144	3.326	34.637	27.764	30.128	32.461	37.042	35.19	.149	1459.8	353
375	1.253	1.234	3.438	34.662	27.778	30.140	32.472	37.051	34.03	.158	1460.7	378
400	1.316	1.295	3.520	34.678	27.786	30.148	32.479	37.055	33.38	.166	1461.4	403
425	1.372	1.350	3.597	34.688	27.790	30.151	32.482	37.056	33.13	.175	1462.1	429
450	1.394	1.371	3.637	34.693	27.793	30.154	32.484	37.058	33.00	.183	1462.6	454
475	1.403	1.378	3.666	34.701	27.799	30.160	32.490	37.063	32.53	.191	1463.1	479
500	1.406	1.380	3.688	34.705	27.802	30.163	32.493	37.066	32.33	.199	1463.5	504
550	1.393	1.364	3.713	34.714	27.810	30.171	32.501	37.076	31.71	.215	1464.3	555
600	1.372	1.340	3.731	34.718	27.815	30.177	32.507	37.082	31.40	.231	1465.0	605
650	1.336	1.301	3.733	34.722	27.821	30.183	32.514	37.090	30.95	.247	1465.7	656
700	1.297	1.260	3.732	34.724	27.825	30.188	32.519	37.097	30.62	.262	1466.4	706
750	1.260	1.220	3.733	34.724	27.827	30.191	32.523	37.102	30.45	.277	1467.0	757
800	1.222	1.180	3.734	34.728	27.833	30.197	32.530	37.109	30.02	.292	1467.7	808
850	1.187	1.142	3.736	34.728	27.836	30.201	32.534	37.115	29.80	.307	1468.4	858
900	1.150	1.102	3.737	34.725	27.836	30.202	32.536	37.117	29.83	.322	1469.0	909
950	1.116	1.065	3.741	34.724	27.837	30.204	32.538	37.121	29.74	.337	1469.7	959
1000	1.076	1.022	3.739	34.725	27.841	30.209	32.543	37.127	29.42	.352	1470.4	1010
1100	1.013	.954	3.752	34.725	27.845	30.214	32.550	37.135	29.08	.381	1471.8	1111
1200	.960	.894	3.775	34.724	27.848	30.218	32.554	37.142	28.88	.410	1473.2	1212
1300	.905	.833	3.795	34.723	27.850	30.222	32.560	37.149	28.63	.439	1474.7	1314
1400	.854	.776	3.820	34.721	27.852	30.225	32.563	37.154	28.47	.467	1476.1	1415
1500	.821	.737	3.864	34.721	27.854	30.228	32.567	37.158	28.32	.496	1477.7	1517
1600	.779	.688	3.897	34.718	27.855	30.229	32.569	37.162	28.27	.524	1479.2	1618
1700	.733	.636	3.927	34.716	27.856	30.231	32.572	37.167	28.11	.552	1480.6	1720
1800	.671	.567	3.940	34.712	27.856	30.234	32.575	37.172	27.89	.580	1482.1	1821
1900	.641	.530	3.986	34.714	27.860	30.238	32.580	37.178	27.54	.608	1483.6	1923
2000	.612	.494	4.033	34.710	27.858	30.237	32.580	37.179	27.64	.636	1485.2	2025
2100	.578	.454	4.075	34.711	27.861	30.241	32.584	37.184	27.30	.663	1486.8	2126
2200	.552	.420	4.125	34.708	27.860	30.241	32.585	37.186	27.32	.690	1488.0	2228
2300	.533	.393	4.181	34.706	27.860	30.241	32.585	37.187	27.34	.718	1490.4	2330
2400	.509	.361	4.233	34.706	27.861	30.244	32.588	37.191	27.14	.745	1491.6	2432
2500	.490	.335	4.290	34.703	27.860	30.243	32.588	37.192	27.22	.772	1493.2	2533
2600	.396	.234	4.270	34.679	27.846	30.231	32.577	37.184	27.93	.800	1494.5	2635
2660	.160	-.002	4.079	34.659	27.843	30.231	32.581	37.195	26.55	.816	1494.4	2697

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 46.4S 169 46.0W 568 2662 995.5 250 18 -1.2 1 0 0 1026 27DEC76 NW 77 2 44

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.75	-1.75	0.12	34.186	27.54	29.95	7.08	54	2.12	-0.37			2	44
43	-1.80	-1.80	0.11	34.279	27.61	30.02	6.78	54	2.08	-0.42		C7	2	44
125	-1.77	-1.77	0.20	34.304	27.63	30.04	6.82	55	2.15	-0.40	0.58		2	44
184	0.04	0.03	2.07	34.460	27.69	30.07	5.59	79	2.32	-0.29	0.29	C7	2	44
442	1.39	1.37	3.63	34.710	27.81	30.17	4.31	94	2.32	-0.11		C7	2	44
992	1.04	0.99	3.70	34.722	27.84	30.21	4.60	114	2.29	-0.10		C7	2	44
1989	0.61	0.49	4.02	34.705	27.85	30.23	4.91	128	2.35	-0.19			2	44
2574	0.48	0.32	4.34	34.705	27.86	30.25	4.81	130	2.34	-0.19	0.00	A15	2	44
2614	0.37	0.21	4.26	34.688	27.85	30.24	5.19	124	2.36	-0.23		C7	2	44
2660	0.18	0.02	4.10	34.664	27.85	30.23	5.31	114	2.32	-0.24	0.19	A15	2	44

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.746	-1.746	.127	34.188	27.539	29.947	32.326	36.996	55.64	0.000	1440.0	0
10	-1.746	-1.746	.135	34.193	27.542	29.951	32.330	37.000	55.22	.006	1440.2	10
20	-1.744	-1.745	.145	34.206	27.553	29.961	32.340	37.009	54.17	.011	1440.4	20
30	-1.766	-1.767	.134	34.257	27.595	30.003	32.382	37.052	50.14	.016	1440.5	30
40	-1.797	-1.798	.111	34.285	27.619	30.028	32.407	37.077	47.80	.021	1440.6	40
50	-1.804	-1.805	.112	34.290	27.623	30.032	32.411	37.082	47.35	.026	1440.7	50
60	-1.804	-1.805	.121	34.297	27.628	30.038	32.417	37.087	46.75	.031	1440.9	60
70	-1.803	-1.805	.130	34.304	27.634	30.043	32.422	37.092	46.21	.035	1441.1	71
80	-1.801	-1.803	.139	34.308	27.637	30.046	32.425	37.096	45.83	.040	1441.3	81
90	-1.799	-1.801	.149	34.309	27.638	30.047	32.426	37.097	45.67	.044	1441.4	91
100	-1.795	-1.797	.161	34.308	27.637	30.046	32.425	37.096	45.68	.049	1441.6	101
125	-1.771	-1.774	.204	34.314	27.641	30.050	32.428	37.098	45.19	.060	1442.2	126
150	-1.667	-1.671	.327	34.324	27.647	30.054	32.431	37.097	44.53	.072	1443.1	151
175	-.848	-.854	1.170	34.400	27.681	30.075	32.439	37.080	41.54	.082	1447.4	176
200	.132	.124	2.173	34.479	27.700	30.079	32.428	37.039	40.27	.093	1452.5	202
225	.464	.455	2.527	34.511	27.707	30.081	32.424	37.026	39.85	.103	1454.4	227
250	.730	.718	2.812	34.539	27.714	30.084	32.424	37.018	39.37	.112	1456.1	252
275	.962	.949	3.065	34.575	27.728	30.094	32.431	37.018	38.26	.122	1457.6	277
300	1.091	1.077	3.216	34.607	27.745	30.109	32.444	37.027	36.80	.132	1458.6	302



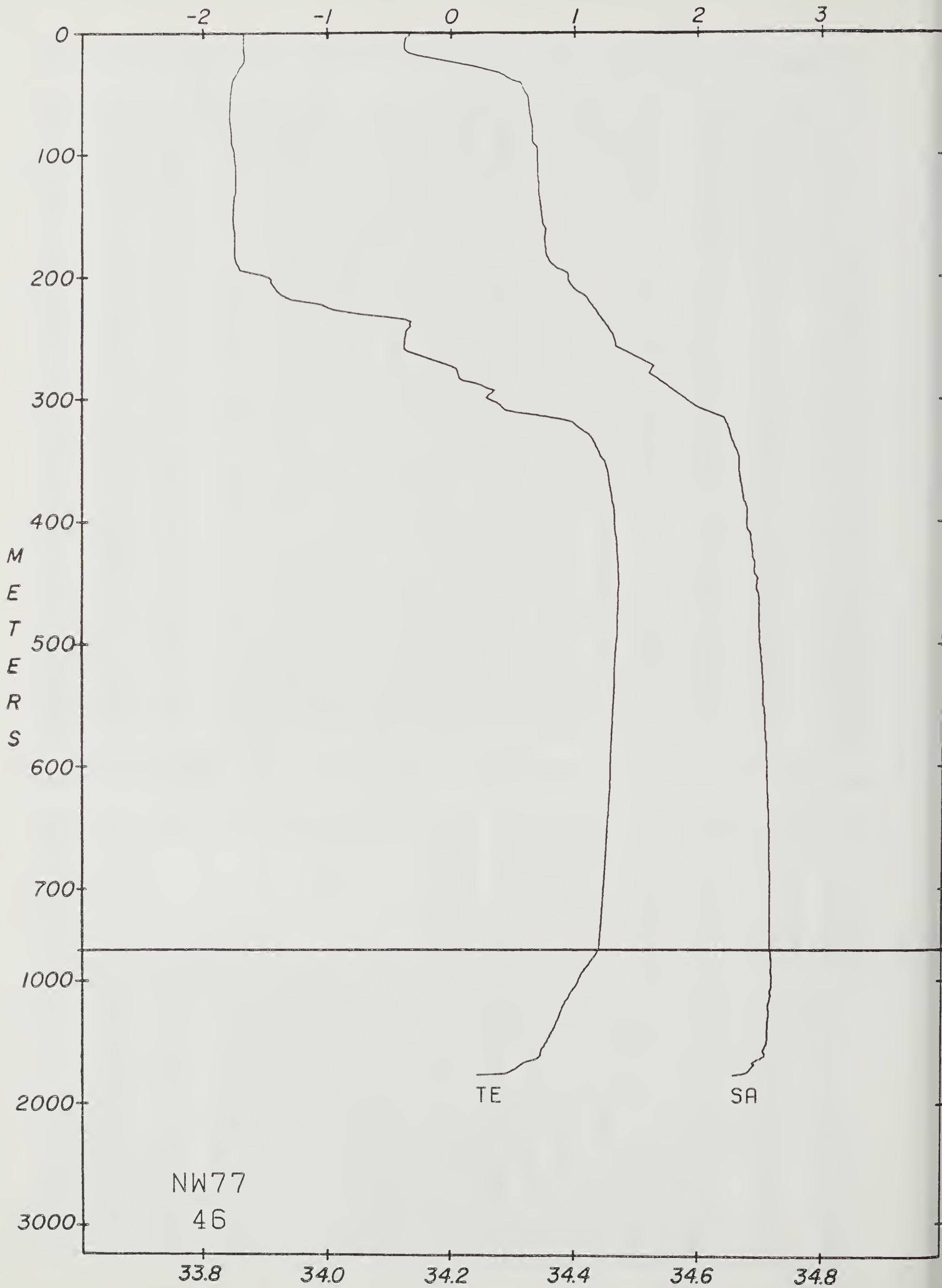
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 27.0S	169 26.5W	568	2204	997.0	270	13	-0.6	1		0	29	1407	27DEC76	NW	77	1	45

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.700	-1.700	.168	34.098	27.464	29.873	32.251	36.920	62.67	0.000	1440.1	0
10	-1.719	-1.719	.156	34.103	27.469	29.877	32.256	36.926	62.21	.006	1440.2	10
20	-1.721	-1.721	.163	34.125	27.486	29.895	32.274	36.943	60.46	.012	1440.4	20
30	-1.709	-1.710	.187	34.196	27.544	29.952	32.330	36.999	54.97	.018	1440.7	30
40	-1.725	-1.726	.182	34.264	27.599	30.007	32.385	37.034	49.67	.023	1440.9	40
50	-1.766	-1.767	.150	34.277	27.611	30.020	32.398	37.068	48.47	.028	1440.9	50
60	-1.785	-1.786	.139	34.284	27.617	30.026	32.405	37.075	47.83	.033	1441.0	60
70	-1.799	-1.800	.133	34.290	27.623	30.032	32.411	37.081	47.24	.038	1441.1	71
80	-1.806	-1.807	.134	34.299	27.630	30.039	32.418	37.089	46.51	.043	1441.2	81
90	-1.806	-1.808	.142	34.301	27.632	30.041	32.420	37.091	46.26	.047	1441.4	91
100	-1.806	-1.808	.149	34.305	27.635	30.044	32.423	37.094	45.92	.052	1441.6	101
125	-1.789	-1.792	.186	34.314	27.641	30.051	32.429	37.099	45.12	.063	1442.1	126
150	-1.744	-1.747	.251	34.322	27.647	30.055	32.433	37.102	44.50	.074	1442.7	151
175	-1.245	-1.250	.772	34.396	27.693	30.093	32.463	37.116	40.27	.085	1445.6	176
200	-.025	-.033	2.015	34.468	27.699	30.081	32.432	37.048	40.26	.095	1451.7	202
225	.501	.492	2.565	34.535	27.724	30.097	32.441	37.041	38.20	.105	1454.7	227
250	.749	.738	2.833	34.567	27.734	30.104	32.444	37.037	37.43	.114	1456.2	252
275	.912	.900	3.018	34.606	27.756	30.123	32.460	37.048	35.59	.123	1457.4	277
300	1.037	1.023	3.163	34.625	27.763	30.128	32.464	37.048	35.04	.132	1458.4	302
325	1.180	1.164	3.326	34.653	27.776	30.139	32.472	37.053	34.00	.141	1459.5	328
350	1.282	1.264	3.448	34.672	27.784	30.146	32.477	37.055	33.45	.149	1460.4	353
375	1.327	1.308	3.514	34.687	27.793	30.154	32.485	37.061	32.71	.158	1461.0	378
400	1.356	1.336	3.562	34.691	27.794	30.155	32.486	37.061	32.68	.166	1461.6	403
425	1.360	1.338	3.585	34.697	27.799	30.160	32.490	37.065	32.33	.174	1462.0	429
450	1.362	1.339	3.606	34.702	27.803	30.164	32.494	37.070	32.05	.182	1462.5	454
475	1.363	1.339	3.627	34.706	27.806	30.167	32.497	37.072	31.84	.190	1462.9	479
500	1.352	1.326	3.634	34.710	27.810	30.171	32.502	37.077	31.54	.198	1463.3	504
550	1.307	1.278	3.627	34.714	27.816	30.179	32.510	37.086	31.01	.213	1463.9	555
600	1.269	1.237	3.628	34.717	27.821	30.185	32.516	37.094	30.62	.229	1464.6	605
650	1.237	1.203	3.633	34.719	27.825	30.189	32.521	37.100	30.35	.244	1465.3	656
700	1.201	1.164	3.636	34.720	27.828	30.193	32.526	37.105	30.12	.259	1465.9	706
750	1.169	1.130	3.642	34.722	27.832	30.197	32.531	37.111	29.84	.274	1466.6	757
800	1.138	1.095	3.649	34.721	27.833	30.200	32.533	37.115	29.77	.289	1467.3	808
850	1.110	1.065	3.658	34.720	27.834	30.201	32.535	37.118	29.73	.304	1468.0	858
900	1.084	1.036	3.671	34.720	27.836	30.203	32.538	37.121	29.63	.319	1468.7	909
950	1.050	.999	3.674	34.721	27.839	30.207	32.542	37.127	29.37	.334	1469.4	959
1000	1.021	.968	3.684	34.719	27.840	30.208	32.544	37.129	29.38	.348	1470.1	1010
1100	.948	.889	3.686	34.719	27.844	30.215	32.551	37.139	28.94	.377	1471.5	1111
1200	.896	.831	3.710	34.718	27.847	30.218	32.556	37.145	28.73	.406	1472.9	1212
1300	.845	.774	3.735	34.715	27.848	30.220	32.558	37.149	28.66	.435	1474.4	1314
1400	.804	.726	3.770	34.716	27.851	30.225	32.564	37.156	28.36	.463	1475.9	1415
1500	.759	.675	3.801	34.714	27.852	30.227	32.567	37.160	28.24	.492	1477.4	1517
1600	.724	.634	3.841	34.711	27.852	30.228	32.568	37.163	28.24	.520	1478.9	1618
1700	.683	.586	3.876	34.711	27.855	30.231	32.573	37.169	27.96	.548	1480.4	1720
1800	.642	.538	3.911	34.710	27.857	30.234	32.576	37.174	27.73	.576	1481.9	1821
1900	.589	.479	3.934	34.706	27.856	30.235	32.578	37.177	27.63	.604	1483.4	1923
2000	.502	.386	3.922	34.694	27.852	30.232	32.577	37.179	27.63	.631	1484.7	2025
2100	.294	.174	3.789	34.670	27.844	30.228	32.575	37.184	27.27	.659	1485.4	2126
2200	.142	.017	3.712	34.662	27.847	30.233	32.582	37.195	26.18	.685	1486.4	2228
2202	.140	.015	3.711	34.662	27.847	30.233	32.583	37.196	26.16	.686	1486.5	2230

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 26.4S	169 22.9W	568	2204	997.5	250	14	-0.6	1		0	0	1639	27DEC76	NW	77	2	45

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.73	-1.73	0.14	34.132	27.49	29.90		51					2	45
30	-1.73	-1.73	0.17	34.265	27.60	30.01		51				C7	2	45
165	0.21	0.20	2.22	34.444	27.67	30.05						C7	2	45
461	1.37	1.35	3.62	34.719	27.82	30.18		92					2	45
765	1.16	1.12	3.64	34.723	27.83	30.20		99				E6	2	45
936	1.04	0.99	3.65	34.719	27.84	30.21						C7	2	45
1385	0.81	0.73	3.76	34.716	27.85	30.22							2	45
1726	0.68	0.58	3.89	34.707	27.85	30.23						C7	2	45
2032	0.48	0.36	3.92	34.694	27.85	30.23							2	45
2093	0.28	0.16	3.77	34.674	27.85	30.23						C7	2	45
2203	0.16	0.03	3.73	34.660	27.84	30.23				-0.20	0.13	A1	2	45

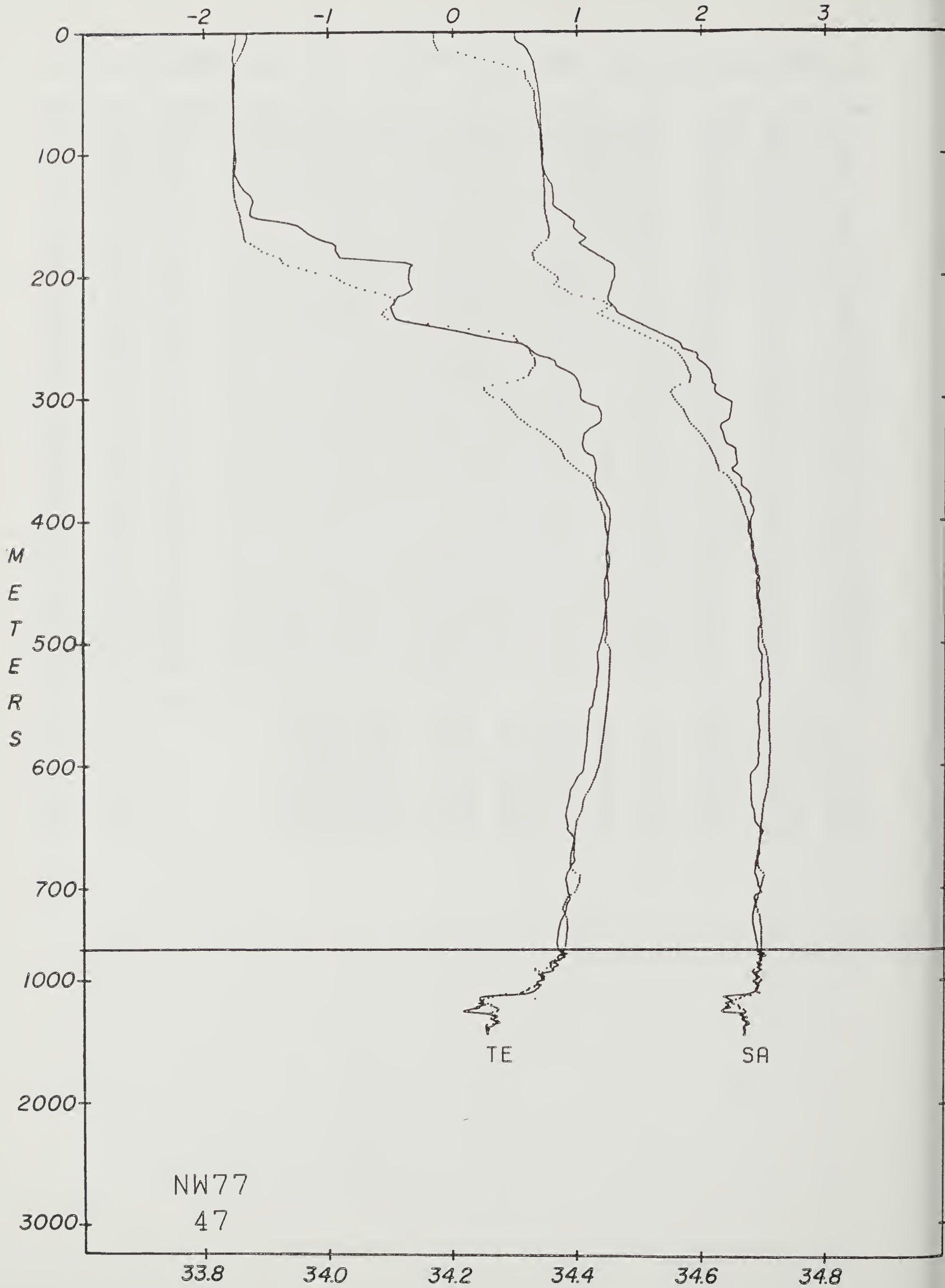
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.709	-1.709	.162	34.142	27.500	29.908	32.287	36.956	59.27	0.000	1440.2	0
10	-1.709	-1.709	.169	34.139	27.498	29.906	32.285	36.954	59.43	.006	1440.3	10
20	-1.705	-1.705	.181	34.142	27.500	29.908	32.286	36.956	59.17	.012	1440.5	20
30	-1.714	-1.714	.184	34.230	27.571	29.979	32.357	37.026	52.34	.017	1440.7	30
40	-1.760	-1.761	.149	34.285	27.618	30.026	32.405	37.074	47.90	.022	1440.8	40
50	-1.781	-1.782	.136	34.298	27.628	30.037	32.416	37.086	46.83	.027	1440.9	50
60	-1.790	-1.791	.135	34.300	27.631	30.040	32.418	37.089	46.56	.032	1441.0	60
70	-1.795	-1.797	.138	34.305	27.634	30.043	32.422	37.092	46.16	.036	1441.1	71
80	-1.792	-1.793	.149	34.307	27.636	30.045	32.424	37.094	45.90	.041	1441.3	81
90	-1.790	-1.792	.158	34.309	27.638	30.047	32.425	37.096	45.69	.046	1441.5	91
100	-1.782	-1.784	.174	34.312	27.640	30.048	32.427	37.097	45.45	.050	1441.7	101
125	-1.756	-1.759	.220	34.339	27.661	30.069	32.448	37.116	43.30	.061	1442.3	126
150	-1.168	-1.172	.829	34.356	27.658	30.057	32.426	37.076	43.73	.072	1445.5	151
175	.109	.102	2.129	34.432	27.663	30.042	32.392	37.004	43.76	.083	1451.9	176
200	.524	.516	2.568	34.519	27.710	30.083	32.426	37.026	39.56	.094	1454.3	202
225	.728	.718	2.793	34.558	27.729	30.099	32.439	37.032	37.92	.103	1455.7	227
250	.920	.908	3.006	34.595	27.746	30.113	32.450	37.039	36.42	.113	1457.0	252
275	1.084	1.071	3.190	34.610	27.747	30.112	32.447	37.030	36.50	.122	1458.2	277
300	1.240	1.225	3.366	34.640	27.761	30.124	32.456	37.035	35.37	.131	1459.4	302
325	1.326	1.310	3.474	34.669	27.779	30.140	32.471	37.047	33.88	.139	1460.2	328
350	1.361	1.343	3.528	34.685	27.789	30.149	32.480	37.055	33.06	.148	1460.8	353
375	1.372	1.353	3.559	34.696	27.797	30.158	32.488	37.063	32.34	.156	1461.3	378



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 75 38.7S 169 34.6W 568 1783 998.1 240 11 -0.2 1 0 24 1825 27DEC76 NW 77 1 46

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.682	-1.682	.188	34.132	27.491	29.899	32.277	36.946	60.10	0.000	1440.3	0
10	-1.682	-1.682	.195	34.123	27.484	29.892	32.270	36.939	60.73	.006	1440.4	10
20	-1.678	-1.678	.209	34.171	27.522	29.930	32.308	36.976	57.05	.012	1440.7	20
30	-1.720	-1.721	.180	34.262	27.598	30.006	32.384	37.052	49.85	.017	1440.8	30
40	-1.773	-1.774	.138	34.311	27.639	30.047	32.426	37.096	45.89	.022	1440.7	40
50	-1.788	-1.789	.131	34.322	27.648	30.057	32.436	37.106	44.97	.027	1440.9	50
60	-1.793	-1.794	.134	34.326	27.651	30.060	32.439	37.109	44.59	.031	1441.0	60
70	-1.795	-1.796	.140	34.329	27.654	30.063	32.442	37.112	44.29	.036	1441.2	71
80	-1.783	-1.784	.159	34.331	27.655	30.064	32.443	37.112	44.08	.040	1441.4	91
90	-1.777	-1.779	.173	34.333	27.657	30.066	32.444	37.114	43.87	.044	1441.6	91
100	-1.754	-1.756	.204	34.339	27.661	30.069	32.448	37.116	43.42	.049	1441.9	101
125	-1.742	-1.744	.235	34.342	27.663	30.071	32.449	37.118	43.08	.060	1442.3	126
150	-1.765	-1.768	.231	34.347	27.668	30.076	32.455	37.124	42.47	.070	1442.7	151
175	-1.751	-1.755	.265	34.353	27.672	30.080	32.459	37.127	41.94	.081	1443.1	176
200	-1.473	-1.478	.563	34.390	27.695	30.098	32.472	37.132	39.83	.091	1444.9	202
225	-	-	1.078	34.433	27.713	30.109	32.474	37.119	38.35	.101	1447.7	227
250	-	-	1.704	34.465	27.713	30.100	32.457	37.083	38.62	.110	1451.0	252
275	.046	.035	2.147	34.524	27.741	30.121	32.471	37.085	36.35	.120	1453.4	277
300	.330	.318	2.453	34.584	27.774	30.149	32.495	37.100	33.46	.128	1455.2	302
325	1.073	1.058	3.219	34.652	27.782	30.147	32.481	37.065	33.36	.137	1459.0	328
350	1.247	1.230	3.414	34.667	27.783	30.145	32.477	37.055	33.52	.145	1460.3	353
375	1.298	1.279	3.483	34.673	27.784	30.146	32.477	37.054	33.54	.154	1460.9	378
400	1.328	1.308	3.533	34.680	27.787	30.149	32.480	37.056	33.29	.162	1461.5	403
425	1.349	1.327	3.573	34.689	27.793	30.154	32.485	37.061	32.85	.170	1462.0	429
450	1.362	1.339	3.606	34.696	27.798	30.159	32.489	37.065	32.51	.178	1462.5	454
475	1.351	1.327	3.614	34.699	27.801	30.162	32.493	37.069	32.27	.186	1462.8	479
500	1.340	1.314	3.622	34.701	27.803	30.165	32.496	37.072	32.10	.195	1463.2	504
550	1.315	1.287	3.635	34.706	27.809	30.172	32.503	37.079	31.66	.210	1463.9	555
600	1.293	1.262	3.652	34.712	27.815	30.178	32.510	37.087	31.20	.226	1464.7	605
650	1.267	1.233	3.663	34.715	27.820	30.183	32.515	37.093	30.89	.242	1465.4	656
700	1.236	1.199	3.670	34.717	27.823	30.188	32.520	37.099	30.63	.257	1466.1	706
750	1.199	1.159	3.672	34.717	27.826	30.191	32.524	37.104	30.46	.272	1466.7	757
800	1.172	1.129	3.682	34.718	27.829	30.194	32.527	37.108	30.29	.288	1467.5	808
850	1.135	1.090	3.684	34.719	27.832	30.198	32.532	37.114	30.03	.303	1468.1	858
900	1.101	1.053	3.688	34.719	27.834	30.201	32.536	37.119	29.86	.318	1468.8	909
950	1.060	1.010	3.685	34.719	27.837	30.205	32.540	37.124	29.62	.332	1469.5	959
1000	1.036	.983	3.699	34.719	27.839	30.207	32.542	37.127	29.52	.347	1470.2	1010
1100	.979	.919	3.717	34.717	27.841	30.210	32.547	37.133	29.37	.377	1471.6	1111
1200	.920	.854	3.734	34.714	27.842	30.213	32.550	37.139	29.25	.406	1473.0	1212
1300	.877	.806	3.767	34.715	27.846	30.218	32.556	37.145	28.96	.435	1474.5	1314
1400	.834	.757	3.800	34.712	27.846	30.219	32.558	37.149	28.95	.464	1476.0	1415
1500	.782	.698	3.823	34.711	27.849	30.223	32.562	37.155	28.67	.493	1477.5	1517
1600	.727	.637	3.845	34.708	27.850	30.225	32.565	37.160	28.50	.521	1478.9	1618
1700	.559	.464	3.752	34.691	27.846	30.224	32.567	37.167	28.24	.550	1479.8	1720
1779	.210	.114	3.460	34.657	27.839	30.222	32.570	37.181	27.27	.572	1479.6	1800

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.63	-1.63	0.24	34.126	27.49	29.89	7.70	54	1.95				0	46
40	-1.77	-1.77	0.14	34.316	27.64	30.05	7.22	60	2.09			A	0	46
154	-1.76	-1.76	0.24	34.350	27.67	30.08	7.06	63	2.14			C7	0	46
277	0.21	0.20	2.31	34.525	27.73	30.11	5.57	82	2.24				0	46
484	1.35	1.32	3.62	34.713	27.81	30.17	4.60	100	2.23			C7	0	46
742	1.18	1.14	3.65	34.722	27.83	30.20	4.67	106	2.32				0	46
1247	0.90	0.83	3.75	34.715	27.84	30.22	4.92	117	2.32			C7	0	46
1489	0.74	0.66	3.77	34.711	27.85	30.23	4.62	121	2.33			D2	0	46
1662	0.65	0.56	3.81	34.695	27.84	30.22	5.10	117	2.28			C7	0	46
1778	0.21	0.11	3.46	34.662	27.84	30.23	5.29	110	2.33			A15	0	46



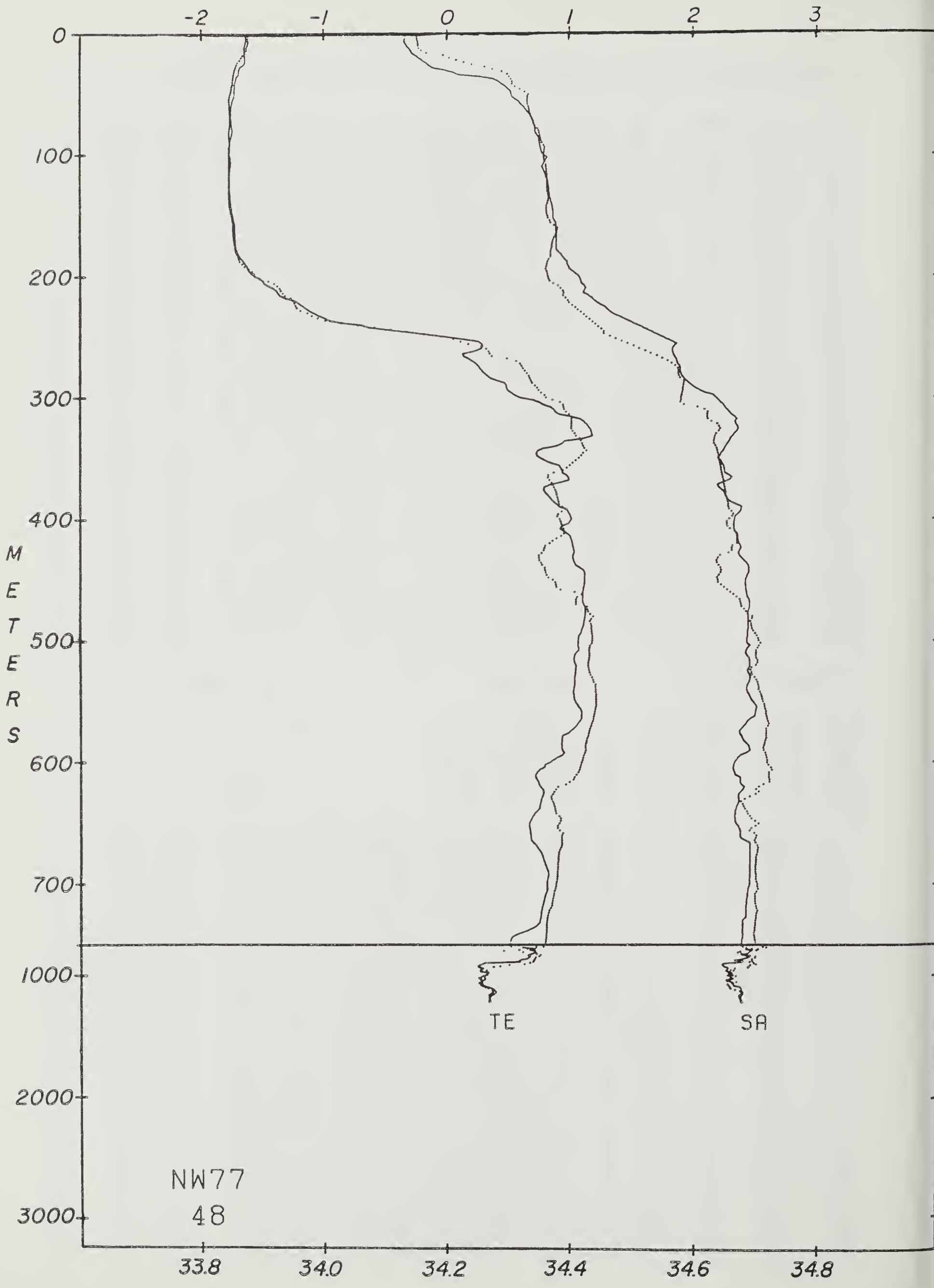
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 45.1S 169 53.5W 568 1439 1000.0 230 13 1.0 1 0 20 2125 27DEC76 NW 77 1 47

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.750	-1.750	.130	34.298	27.628	30.036	32.414	37.083	47.19	0.000	1440.2	0
10	-1.764	-1.764	.124	34.312	27.639	30.048	32.426	37.096	46.03	.005	1440.3	10
20	-1.776	-1.776	.120	34.325	27.650	30.059	32.438	37.107	44.92	.009	1440.4	20
30	-1.763	-1.764	.140	34.331	27.655	30.063	32.442	37.111	44.43	.014	1440.7	30
40	-1.761	-1.762	.151	34.335	27.658	30.066	32.444	37.114	44.09	.018	1440.8	40
50	-1.763	-1.766	.155	34.338	27.661	30.069	32.447	37.117	43.77	.022	1441.0	50
60	-1.764	-1.765	.163	34.341	27.663	30.071	32.449	37.118	43.54	.027	1441.2	60
70	-1.763	-1.765	.172	34.341	27.663	30.071	32.450	37.119	43.43	.031	1441.3	71
80	-1.763	-1.764	.180	34.342	27.664	30.072	32.450	37.119	43.29	.036	1441.5	81
90	-1.761	-1.763	.189	34.344	27.665	30.074	32.452	37.121	43.08	.040	1441.7	91
100	-1.749	-1.751	.209	34.345	27.666	30.074	32.452	37.121	42.99	.044	1441.9	101
125	-1.704	-1.707	.273	34.360	27.677	30.084	32.461	37.128	41.83	.055	1442.5	126
150	-1.616	-1.619	.383	34.385	27.695	30.101	32.477	37.141	40.02	.065	1443.4	151
175	-.943	-.948	1.075	34.412	27.694	30.090	32.455	37.099	40.27	.075	1447.0	176
200	-.357	-.364	1.684	34.461	27.710	30.096	32.452	37.078	39.09	.085	1450.2	202
225	-.499	-.506	1.561	34.462	27.716	30.105	32.463	37.093	38.31	.095	1450.0	227
250	.322	.312	2.405	34.554	27.749	30.125	32.471	37.076	35.74	.104	1454.3	252
275	.891	.879	2.997	34.614	27.763	30.131	32.468	37.057	34.84	.113	1457.3	277
300	1.043	1.029	3.170	34.644	27.777	30.143	32.478	37.062	33.69	.121	1458.5	302
325	1.093	1.077	3.238	34.634	27.767	30.131	32.466	37.049	34.81	.130	1459.1	328
350	1.150	1.133	3.316	34.659	27.782	30.146	32.480	37.061	33.45	.138	1459.8	353
375	1.188	1.169	3.373	34.677	27.794	30.158	32.491	37.071	32.42	.147	1460.4	378
400	1.270	1.250	3.475	34.680	27.791	30.154	32.486	37.063	32.84	.155	1461.2	403
425	1.238	1.217	3.463	34.684	27.797	30.160	32.492	37.071	32.38	.163	1461.5	429
450	1.258	1.236	3.502	34.692	27.802	30.165	32.496	37.075	31.98	.171	1462.0	454
475	1.228	1.204	3.490	34.696	27.807	30.171	32.503	37.082	31.52	.179	1462.3	479
500	1.184	1.158	3.465	34.692	27.807	30.171	32.504	37.084	31.55	.187	1462.5	504
550	1.122	1.094	3.441	34.692	27.811	30.176	32.510	37.092	31.23	.202	1463.0	555
600	1.056	1.025	3.413	34.689	27.813	30.179	32.514	37.098	31.04	.218	1463.6	605
650	.928	.895	3.323	34.698	27.829	30.197	32.534	37.121	29.45	.233	1463.8	656
700	.927	.892	3.360	34.696	27.827	30.196	32.533	37.120	29.69	.248	1464.7	706
750	.855	.818	3.326	34.691	27.828	30.198	32.535	37.126	29.58	.263	1465.2	757
800	.904	.863	3.414	34.698	27.830	30.200	32.537	37.125	29.57	.278	1466.2	808
850	.806	.763	3.353	34.696	27.835	30.205	32.544	37.135	29.03	.292	1466.6	858
900	.801	.755	3.386	34.695	27.835	30.206	32.545	37.136	29.09	.307	1467.4	909
950	.714	.666	3.337	34.691	27.837	30.209	32.549	37.143	28.77	.321	1467.9	959
1000	.700	.649	3.360	34.682	27.830	30.203	32.544	37.138	29.38	.336	1468.6	1010
1100	.610	.553	3.346	34.678	27.832	30.207	32.549	37.146	29.05	.365	1469.9	1111
1200	.243	.184	3.053	34.647	27.829	30.209	32.556	37.165	28.29	.394	1469.9	1212
1300	.353	.287	3.240	34.667	27.839	30.218	32.563	37.169	27.76	.422	1472.1	1314
1400	.289	.217	3.252	34.672	27.847	30.227	32.573	37.181	26.85	.449	1473.5	1415
1438	.277	.203	3.269	34.669	27.845	30.226	32.573	37.180	26.97	.459	1474.1	1454

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 42.3S 169 44.3W 568 1439 1001.5 200 16 1.4 1 0 0 2316 27DEC76 NW 77 2 47

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
260	0.60	0.59	2.69	34.576	27.75	30.12							2	47
526	1.28	1.25	3.58	34.718	27.82	30.18							2	47
851	0.81	0.77	3.36	34.693	27.83	30.20				-0.14			2	47
1139	0.29	0.23	3.05	34.652	27.83	30.21				-0.21			2	47
1202	0.33	0.27	3.14	34.662	27.84	30.21				-0.27			2	47
1436	0.29	0.22	3.28	34.670	27.84	30.23				-0.24			2	47

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.663	-1.663	.209	34.168	27.520	29.928	32.305	36.973	57.38	0.000	1440.4	0
10	-1.682	-1.683	.197	34.172	27.524	29.932	32.310	36.978	56.96	.006	1440.5	10
20	-1.727	-1.728	.164	34.237	27.578	29.986	32.364	37.033	51.81	.011	1440.5	20
30	-1.771	-1.772	.131	34.303	27.633	30.041	32.420	37.089	46.56	.016	1440.6	30
40	-1.776	-1.777	.134	34.321	27.647	30.056	32.434	37.104	45.13	.021	1440.7	40
50	-1.773	-1.774	.146	34.331	27.655	30.063	32.442	37.112	44.32	.025	1440.9	50
60	-1.769	-1.771	.157	34.333	27.657	30.065	32.444	37.113	44.08	.030	1441.1	60
70	-1.767	-1.768	.168	34.336	27.659	30.067	32.445	37.115	43.85	.034	1441.3	71
80	-1.767	-1.768	.176	34.341	27.663	30.071	32.449	37.119	43.39	.038	1441.5	81
90	-1.760	-1.762	.190	34.342	27.663	30.072	32.450	37.119	43.27	.043	1441.7	91
100	-1.763	-1.765	.195	34.343	27.665	30.073	32.451	37.121	43.09	.047	1441.8	101
125	-1.767	-1.770	.210	34.347	27.668	30.077	32.455	37.124	42.61	.058	1442.2	126
150	-1.712	-1.715	.284	34.331	27.669	30.077	32.454	37.122	42.38	.068	1442.9	151
175	-1.578	-1.582	.436	34.337	27.654	30.060	32.436	37.099	43.70	.079	1443.9	176
200	-.931	-.937	1.105	34.369	27.659	30.055	32.420	37.064	43.48	.090	1447.4	202
225	-.517	-.525	1.542	34.452	27.710	30.098	32.457	37.088	38.94	.100	1449.9	227
250	.511	.500	2.593	34.520	27.712	30.085	32.428	37.029	39.41	.110	1455.1	252
275	.635	.623	2.739	34.580	27.752	30.124	32.465	37.061	35.70	.119	1456.1	277
300	.392	.379	2.514	34.559	27.750	30.125	32.470	37.073	35.76	.128	1455.4	302
325	.700	.686	2.843	34.595	27.761	30.131	32.471	37.066	35.02	.137	1457.3	328
350	.930	.914	3.094	34.625	27.770	30.137	32.474	37.062	34.39	.146	1458.8	353
375	1.154	1.135	3.338	34.660	27.783	30.147	32.481	37.062	33.41	.154	1460.2	378
400	1.233	1.213	3.438	34.677	27.792	30.154	32.487	37.066	32.79	.163	1461.0	403
425	1.259	1.238	3.483	34.684	27.795	30.158	32.490	37.068	32.53	.171	1461.6	429
450	1.227	1.204	3.470	34.690	27.802	30.165	32.498	37.077	31.90	.179	1461.8	454
475	1.244	1.220	3.507	34.695	27.805	30.168	32.500	37.079	31.73	.187	1462.3	479
500	1.254	1.229	3.536	34.702	27.810	30.173	32.505	37.083	31.36	.195	1462.8	504
550	1.246	1.217	3.566	34.710	27.817	30.181	32.512	37.091	30.82	.210	1463.6	555
600	1.176	1.145	3.534	34.710	27.822	30.186	32.519	37.100	30.40	.226	1464.1	605
650	.992	.959	3.387	34.697	27.823	30.191	32.526	37.112	30.07	.241	1464.1	656
700	.996	.960	3.429	34.696	27.823	30.190	32.526	37.112	30.24	.256	1465.0	706
750	.895	.857	3.366	34.698	27.831	30.200	32.537	37.126	29.39	.271	1465.4	757
800	.848	.808	3.358	34.697	27.833	30.203	32.541	37.131	29.17	.285	1466.0	808
850	.785	.742	3.332	34.692	27.833	30.204	32.543	37.135	29.11	.300	1466.5	858
900	.682	.637	3.267	34.690	27.837	30.210	32.551	37.146	28.54	.314	1466.9	909



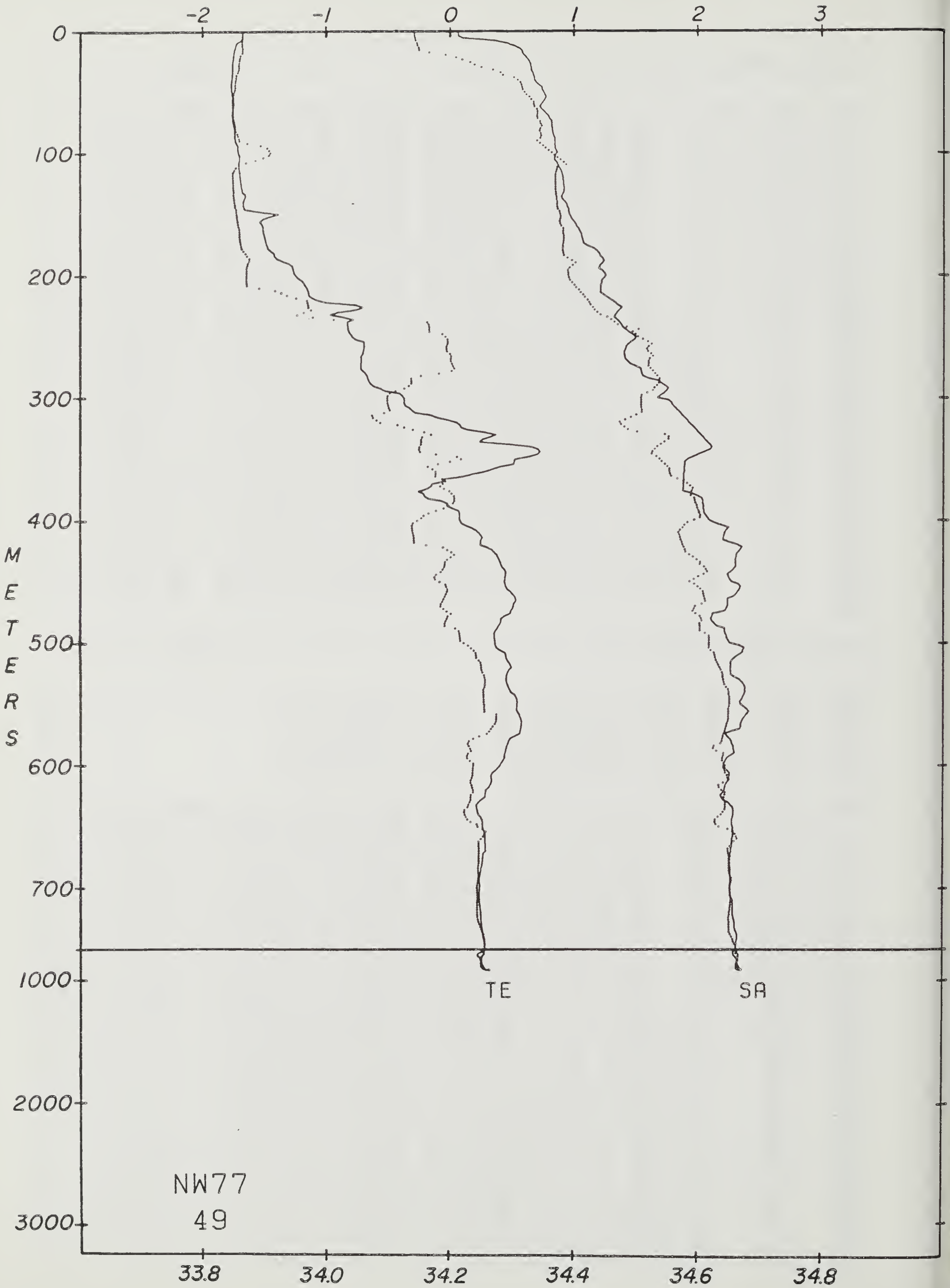
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 48.6S 169 56.0W 569 1209 1002.7 210 12 1.2 1 0 22 48 28DEC76 NW 77 1 48

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.639	-1.639	.231	34.133	27.491	29.898	32.276	36.943	60.13	0.000	1440.5	0
10	-1.652	-1.652	.226	34.139	27.496	29.904	32.281	36.948	59.58	.006	1440.6	10
20	-1.644	-1.645	.242	34.161	27.514	29.922	32.299	36.966	57.83	.012	1440.8	20
30	-1.697	-1.697	.200	34.211	27.556	29.964	32.342	37.010	53.81	.017	1440.8	30
40	-1.730	-1.730	.180	34.290	27.621	30.029	32.407	37.075	47.64	.023	1440.9	40
50	-1.736	-1.737	.182	34.307	27.635	30.043	32.421	37.089	46.23	.027	1441.1	50
60	-1.759	-1.760	.168	34.328	27.652	30.061	32.439	37.108	44.49	.032	1441.2	60
70	-1.756	-1.757	.179	34.341	27.663	30.071	32.449	37.118	43.46	.036	1441.4	71
80	-1.750	-1.752	.193	34.346	27.666	30.074	32.453	37.121	43.06	.040	1441.6	81
90	-1.772	-1.773	.179	34.352	27.672	30.081	32.459	37.128	42.46	.045	1441.6	91
100	-1.764	-1.767	.194	34.363	27.681	30.089	32.467	37.136	41.59	.049	1441.9	101
125	-1.772	-1.775	.206	34.367	27.684	30.093	32.471	37.140	41.08	.059	1442.2	126
150	-1.743	-1.746	.254	34.375	27.690	30.098	32.475	37.144	40.44	.069	1442.8	151
175	-1.718	-1.722	.298	34.380	27.693	30.101	32.478	37.145	40.00	.060	1443.3	176
200	-1.524	-1.529	.514	34.419	27.719	30.124	32.498	37.159	37.49	.089	1444.7	202
225	-1.132	-1.139	.927	34.461	27.741	30.139	32.507	37.156	35.58	.098	1447.0	227
250	.137	.127	2.221	34.559	27.764	30.142	32.491	37.102	34.25	.107	1453.4	252
275	.280	.269	2.384	34.580	27.773	30.150	32.496	37.102	33.46	.116	1454.5	277
300	.700	.686	2.826	34.641	27.798	30.168	32.508	37.102	31.51	.124	1456.9	302
325	1.176	1.160	3.323	34.672	27.791	30.155	32.488	37.068	32.58	.132	1459.5	328
350	.810	.794	2.975	34.645	27.794	30.163	32.501	37.092	32.03	.140	1458.3	353
375	.797	.779	2.981	34.648	27.797	30.166	32.505	37.096	31.76	.148	1458.6	378
400	1.007	.988	3.211	34.666	27.798	30.164	32.500	37.085	31.97	.156	1460.0	403
425	1.040	1.019	3.263	34.674	27.802	30.168	32.503	37.087	31.62	.164	1460.6	429
450	1.125	1.102	3.368	34.684	27.805	30.169	32.503	37.085	31.97	.172	1461.4	454
475	1.130	1.106	3.392	34.689	27.808	30.173	32.507	37.088	31.30	.179	1461.8	479
500	1.071	1.047	3.353	34.688	27.812	30.177	32.512	37.095	30.98	.187	1462.0	504
550	1.064	1.037	3.384	34.700	27.821	30.187	32.522	37.106	30.15	.202	1462.8	555
600	.809	.780	3.164	34.665	27.810	30.180	32.518	37.109	30.92	.218	1462.4	605
650	.672	.641	3.066	34.673	27.825	30.196	32.537	37.132	29.39	.233	1462.7	656
700	.821	.787	3.254	34.690	27.829	30.199	32.537	37.128	29.33	.247	1464.2	706
750	.527	.492	2.998	34.681	27.840	30.214	32.557	37.156	27.78	.262	1463.7	757
800	.711	.671	3.220	34.689	27.835	30.207	32.547	37.141	28.69	.276	1465.4	808
850	.648	.607	3.195	34.678	27.830	30.203	32.544	37.140	29.07	.290	1465.9	858
900	.279	.237	2.861	34.647	27.827	30.205	32.552	37.159	28.52	.305	1465.0	909
950	.264	.219	2.885	34.655	27.834	30.213	32.560	37.167	27.81	.319	1465.8	959
1000	.306	.258	2.965	34.662	27.837	30.216	32.562	37.168	27.68	.333	1466.8	1010
1100	.379	.325	3.115	34.679	27.847	30.225	32.570	37.174	27.02	.360	1468.9	1111
1200	.351	.291	3.163	34.678	27.848	30.226	32.572	37.177	26.88	.387	1470.4	1212
1206	.354	.294	3.171	34.680	27.849	30.228	32.573	37.178	26.76	.389	1470.5	1218

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 48.6S 169 56.0W 569 1209 1003.7 210 15 0.4 1 0 0 228 28DEC76 NW 77 2 48

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
358	0.77	0.75	2.94	34.638	27.79	30.16	4.98	93	2.30				2	48
531	1.20	1.17	3.51	34.710	27.82	30.18	4.62	102	2.32			C7	2	48
701	0.88	0.85	3.31	34.702	27.83	30.20	4.83	107	2.32				2	48
781	0.50	0.46	2.99	34.697	27.85	30.23	4.92	102	2.31			C7	2	48
875	0.70	0.66	3.27	34.694	27.84	30.21	5.00	110	2.31				2	48
1015	0.27	0.22	2.94	34.658	27.84	30.22	5.36	103	2.30			C7	2	48
1121	0.40	0.34	3.15	34.677	27.84	30.22	5.25	109	2.31				2	48

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.620	-1.620	.251	34.152	27.506	29.913	32.290	36.956	58.72	0.000	1440.6	0
10	-1.633	-1.633	.245	34.156	27.509	29.916	32.293	36.960	58.35	.006	1440.7	10
20	-1.692	-1.693	.197	34.216	27.560	29.967	32.345	37.013	53.53	.011	1440.7	20
30	-1.735	-1.736	.166	34.289	27.620	30.028	32.406	37.075	47.77	.017	1440.7	30
40	-1.751	-1.752	.159	34.307	27.635	30.043	32.421	37.091	46.27	.021	1440.8	40
50	-1.772	-1.773	.147	34.331	27.655	30.064	32.442	37.112	44.29	.026	1440.9	50
60	-1.772	-1.773	.155	34.334	27.658	30.066	32.444	37.114	44.01	.030	1441.1	60
70	-1.768	-1.769	.167	34.341	27.663	30.071	32.450	37.119	43.42	.035	1441.3	71
80	-1.778	-1.779	.166	34.352	27.672	30.080	32.459	37.128	42.54	.039	1441.4	81
90	-1.772	-1.774	.179	34.358	27.677	30.085	32.464	37.133	42.00	.043	1441.6	91
100	-1.777	-1.779	.182	34.359	27.677	30.086	32.465	37.134	41.88	.047	1441.8	101
125	-1.777	-1.779	.201	34.364	27.682	30.091	32.469	37.138	41.30	.058	1442.2	126
150	-1.751	-1.754	.246	34.366	27.683	30.091	32.469	37.137	41.10	.068	1442.7	151
175	-1.724	-1.728	.292	34.371	27.686	30.093	32.471	37.139	40.67	.078	1443.3	176
200	-1.521	-1.526	.514	34.367	27.677	30.082	32.456	37.118	41.46	.088	1444.7	202
225	-1.205	-1.211	.851	34.413	27.704	30.104	32.473	37.125	38.98	.098	1446.6	227
250	.054	.045	2.133	34.476	27.701	30.081	32.431	37.045	40.10	.108	1452.9	252
275	.629	.617	2.733	34.577	27.750	30.121	32.462	37.059	35.93	.118	1456.1	277
300	.866	.853	2.990	34.581	27.729	30.107	32.444	37.034	37.20	.127	1457.6	302
325	1.026	1.010	3.172	34.642	27.778	30.143	32.479	37.063	33.72	.136	1458.8	328
350	1.051	1.034	3.216	34.643	27.776	30.141	32.476	37.061	33.94	.144	1459.3	353
375	.892	.874	3.076	34.653	27.794	30.162	32.500	37.088	32.10	.153	1459.1	378
400	.931	.912	3.135	34.655	27.794	30.161	32.498	37.085	32.24	.161	1459.6	403
425	.780	.760	3.002	34.659	27.807	30.176	32.515	37.107	30.88	.169	1459.4	429
450	.885	.863	3.125	34.642	27.786	30.154	32.492	37.081	33.02	.177	1460.3	454
475	1.164	1.140	3.426	34.687	27.804	30.168	32.501	37.082	31.74	.185	1462.0	479
500	1.182	1.157	3.464	34.708	27.820	30.184	32.517	37.097	30.33	.192	1462.5	504
550	1.219	1.191	3.540	34.715	27.823	30.187	32.519	37.098	30.24	.208	1463.5	555
600	1.096	1.065	3.455	34.723	27.837	30.203	32.537	37.120	28.83	.222	1463.8	605
650	.910	.878	3.306	34.701	27.832	30.200	32.537	37.125	29.13	.237	1463.8	656
700	.891	.856	3.325	34.705	27.836	30.205	32.542	37.131	28.78	.251	1464.5	706
750	.788	.751	3.260	34.713	27.850	30.220	32.559	37.150	27.43	.255	1464.9	757
800	.700	.661	3.208	34.672	27.822	30.194	32.534	37.129	29.88	.280	1465.3	808
850	.720	.678	3.267	34.695	27.840	30.211	32.552	37.145	28.36	.294	1466.2	858
900	.526	.482	3.112	34.696	27.852	30.227	32.570	37.169	26.78	.308	1466.2	909
950	.322	.277	2.944	34.663	27.837	30.215	32.561	37.167	27.68	.322	1466.1	959
1000	.277	.229	2.936	34.661	27.838	30.217	32.563	37.170	27.52	.335	1466.7	1010



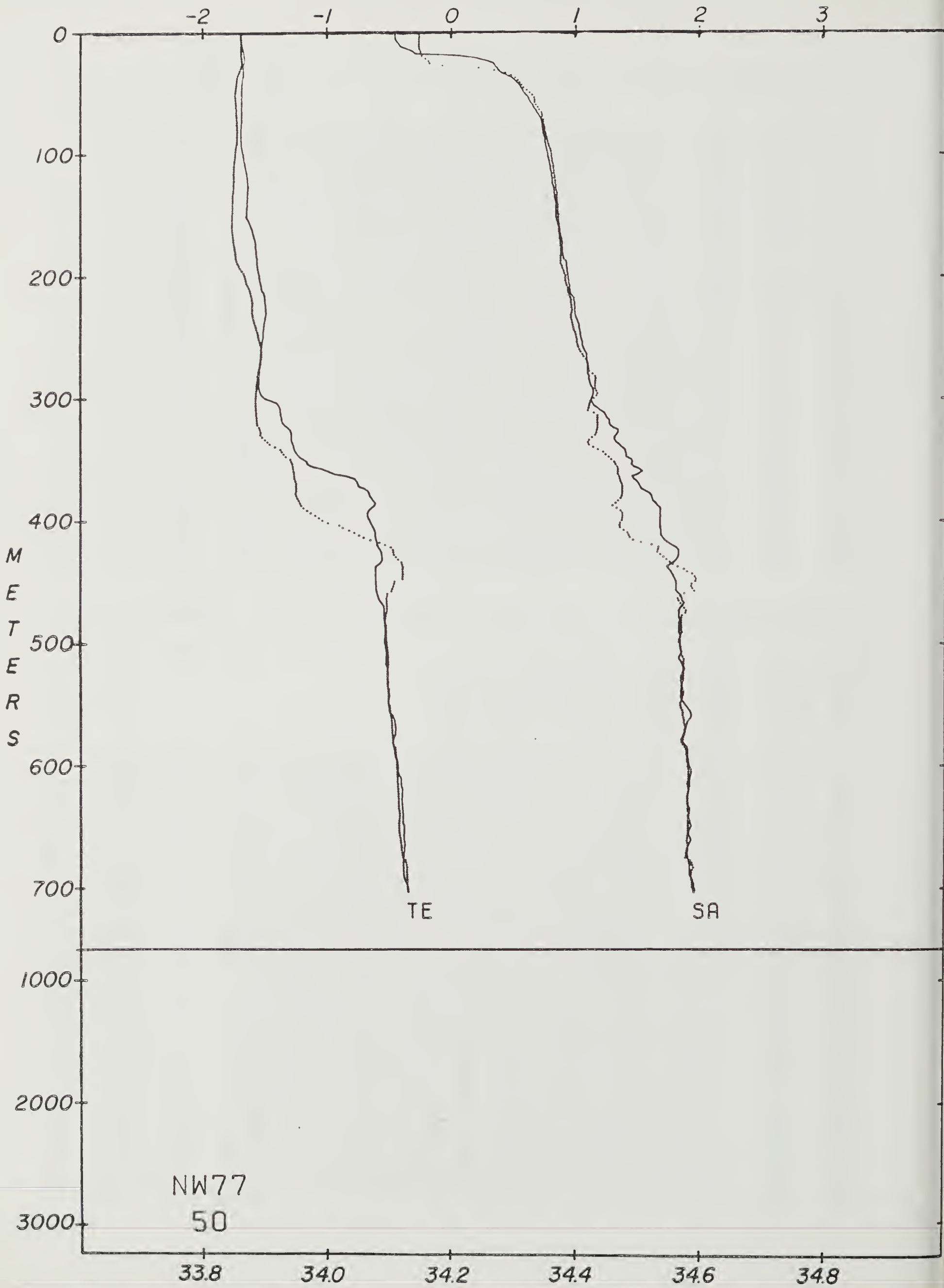
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 58.75 169 56.0W 569 934 1004.3 230 10 0.6 2 0 20 402 28DEC76 NW 77 1 49

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.679	-1.679	.196	34.212	27.556	29.964	32.341	37.009	53.96	0.000	1440.4	0
10	-1.723	-1.723	.163	34.292	27.622	30.030	32.408	37.076	47.67	.005	1440.5	10
20	-1.754	-1.754	.142	34.321	27.647	30.055	32.433	37.102	45.27	.010	1440.5	20
30	-1.760	-1.761	.144	34.331	27.655	30.063	32.442	37.111	44.44	.014	1440.7	30
40	-1.769	-1.769	.143	34.337	27.660	30.068	32.446	37.116	43.93	.019	1440.8	40
50	-1.766	-1.767	.154	34.351	27.671	30.080	32.458	37.127	42.77	.023	1441.0	50
60	-1.747	-1.748	.181	34.347	27.668	30.076	32.454	37.122	43.06	.027	1441.3	60
70	-1.761	-1.762	.175	34.359	27.677	30.085	32.464	37.133	42.08	.032	1441.4	71
80	-1.744	-1.746	.200	34.365	27.682	30.089	32.468	37.136	41.61	.036	1441.6	81
90	-1.737	-1.739	.214	34.369	27.685	30.093	32.471	37.139	41.23	.040	1441.8	91
100	-1.711	-1.713	.248	34.372	27.686	30.094	32.471	37.138	41.05	.044	1442.1	101
125	-1.694	-1.696	.285	34.383	27.695	30.102	32.480	37.146	40.06	.054	1442.6	126
150	-1.424	-1.428	.575	34.393	27.695	30.098	32.471	37.129	40.05	.064	1444.3	151
175	-1.489	-1.493	.530	34.419	27.718	30.122	32.496	37.156	37.72	.074	1444.5	176
200	-1.252	-1.257	.788	34.450	27.736	30.137	32.506	37.159	36.03	.083	1446.0	202
225	-.730	-.737	1.330	34.474	27.736	30.128	32.490	37.127	36.32	.092	1448.9	227
250	-.795	-.803	1.286	34.498	27.759	30.151	32.514	37.153	34.07	.101	1449.1	252
275	-.732	-.741	1.368	34.504	27.760	30.152	32.514	37.151	33.86	.109	1449.8	277
300	-.381	-.392	1.740	34.539	27.773	30.159	32.516	37.142	32.90	.118	1451.9	302
325	.115	.102	2.258	34.595	27.794	30.173	32.522	37.133	31.34	.126	1454.6	328
350	.544	.529	2.705	34.583	27.760	30.133	32.475	37.075	34.94	.134	1457.0	353
375	-.233	-.247	1.946	34.576	27.796	30.180	32.534	37.156	30.77	.142	1453.8	378
400	.079	.063	2.280	34.619	27.815	30.195	32.544	37.157	29.28	.150	1455.7	403
425	.344	.325	2.567	34.665	27.838	30.214	32.559	37.163	27.46	.157	1457.4	429
450	.435	.415	2.676	34.655	27.824	30.199	32.542	37.144	28.90	.164	1458.2	454
475	.477	.456	2.736	34.633	27.804	30.178	32.521	37.122	30.85	.171	1458.8	479
500	.358	.336	2.637	34.654	27.828	30.204	32.548	37.153	28.49	.179	1458.7	504
550	.535	.510	2.853	34.669	27.830	30.203	32.546	37.144	28.60	.193	1460.4	555
600	.392	.365	2.747	34.640	27.815	30.190	32.535	37.138	29.78	.208	1460.5	605
650	.255	.226	2.648	34.655	27.835	30.212	32.559	37.166	27.72	.222	1460.7	656
700	.231	.200	2.661	34.651	27.833	30.211	32.558	37.166	27.83	.236	1461.5	706
750	.276	.242	2.745	34.659	27.837	30.215	32.561	37.168	27.59	.250	1462.5	757
800	.213	.177	2.720	34.657	27.829	30.218	32.565	37.174	27.26	.263	1463.1	808
850	.242	.203	2.787	34.662	27.841	30.220	32.567	37.174	27.11	.277	1464.0	858
900	.245	.204	2.829	34.665	27.843	30.222	32.569	37.177	26.91	.291	1464.9	909
925	.286	.243	2.889	34.669	27.844	30.223	32.569	37.175	26.93	.297	1465.5	934

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 57.75 169 55.8W 569 934 1004.9 240 9 -0.1 2 0 0 508 28DEC76 NW 77 2 49

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
214	-1.50	-1.51	0.55	34.404	27.71	30.11						C1	2	49
381	0.03	0.01	2.21	34.582	27.79	30.17						C7	2	49
416	-0.34	-0.36	1.87	34.568	27.79	30.18							2	49
481	-0.04	-0.06	2.22	34.604	27.81	30.19						C7	2	49
571	0.32	0.29	2.65	34.664	27.84	30.21							2	49
925	0.31	0.27	2.91	34.662	27.84	30.22						C7	2	49

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.683	-1.683	.187	34.141	27.499	29.907	32.285	36.953	59.41	0.000	1440.3	0
10	-1.685	-1.686	.193	34.145	27.502	29.910	32.288	36.956	59.03	.006	1440.4	10
20	-1.697	-1.697	.191	34.189	27.538	29.946	32.324	36.992	55.58	.012	1440.6	20
30	-1.711	-1.712	.188	34.252	27.590	29.997	32.375	37.044	50.62	.017	1440.8	30
40	-1.736	-1.737	.174	34.309	27.636	30.045	32.423	37.091	46.14	.022	1440.9	40
50	-1.747	-1.748	.172	34.320	27.646	30.054	32.432	37.101	45.18	.026	1441.0	50
60	-1.761	-1.763	.166	34.335	27.658	30.066	32.445	37.114	43.94	.031	1441.2	60
70	-1.755	-1.757	.180	34.341	27.662	30.071	32.449	37.118	43.50	.035	1441.4	71
80	-1.737	-1.739	.205	34.345	27.666	30.074	32.452	37.120	43.12	.040	1441.6	81
90	-1.695	-1.697	.255	34.343	27.662	30.070	32.447	37.114	43.38	.044	1442.0	91
100	-1.462	-1.464	.497	34.364	27.673	30.077	32.450	37.110	42.38	.048	1443.3	101
125	-1.758	-1.761	.220	34.369	27.686	30.094	32.472	37.141	40.96	.059	1442.3	126
150	-1.730	-1.734	.267	34.377	27.692	30.099	32.477	37.145	40.27	.069	1442.9	151
175	-1.696	-1.700	.321	34.382	27.694	30.101	32.478	37.145	39.90	.079	1443.4	176
200	-1.654	-1.658	.383	34.391	27.700	30.107	32.483	37.148	39.21	.089	1444.1	202
225	-1.153	-1.159	.905	34.428	27.715	30.114	32.482	37.132	37.98	.098	1446.9	227
250	-.044	-.053	2.037	34.504	27.729	30.111	32.462	37.078	37.38	.108	1452.5	252
275	.025	.014	2.126	34.521	27.739	30.120	32.470	37.085	36.44	.117	1453.3	277
300	.517	.527	1.602	34.507	27.754	30.143	32.501	37.132	34.59	.126	1451.2	302
325	-.343	-.355	1.794	34.484	27.727	30.113	32.470	37.095	37.23	.135	1452.4	328
350	.071	.057	2.229	34.537	27.750	30.130	32.479	37.095	35.48	.144	1454.8	353
375	.031	.046	2.149	34.590	27.798	30.179	32.530	37.145	30.83	.152	1454.8	378
400	.280	.294	1.920	34.593	27.812	30.198	32.552	37.175	29.16	.160	1454.1	403
425	.011	.028	2.207	34.579	27.788	30.169	32.520	37.135	31.77	.167	1455.7	429
450	.089	.107	2.148	34.588	27.799	30.181	32.523	37.151	30.58	.175	1455.8	454
475	.016	.035	2.241	34.592	27.799	30.180	32.531	37.146	30.70	.183	1456.5	479
500	.105	.084	2.382	34.617	27.812	30.192	32.541	37.153	29.56	.190	1457.5	504
550	.269	.245	2.586	34.650	27.836	30.207	32.553	37.160	28.18	.205	1459.1	555
600	.181	.155	2.535	34.643	27.829	30.208	32.555	37.165	28.12	.219	1459.6	605
650	.225	.197	2.617	34.636	27.821	30.199	32.546	37.154	28.95	.233	1460.6	656
700	.208	.177	2.639	34.650	27.833	30.212	32.559	37.168	27.75	.247	1461.4	706
750	.269	.235	2.739	34.661	27.839	30.216	32.563	37.170	27.40	.261	1462.5	757
800	.263	.226	2.770	34.664	27.842	30.220	32.567	37.174	27.10	.275	1463.3	808
850	.244	.205	2.789	34.663	27.842	30.221	32.567	37.175	27.05	.288	1464.0	858
900	.262	.220	2.846	34.662	27.840	30.219	32.565	37.172	27.27	.302	1465.0	909
925	.309	.265	2.911	34.666	27.841	30.219	32.565	37.171	27.33	.309	1465.6	934



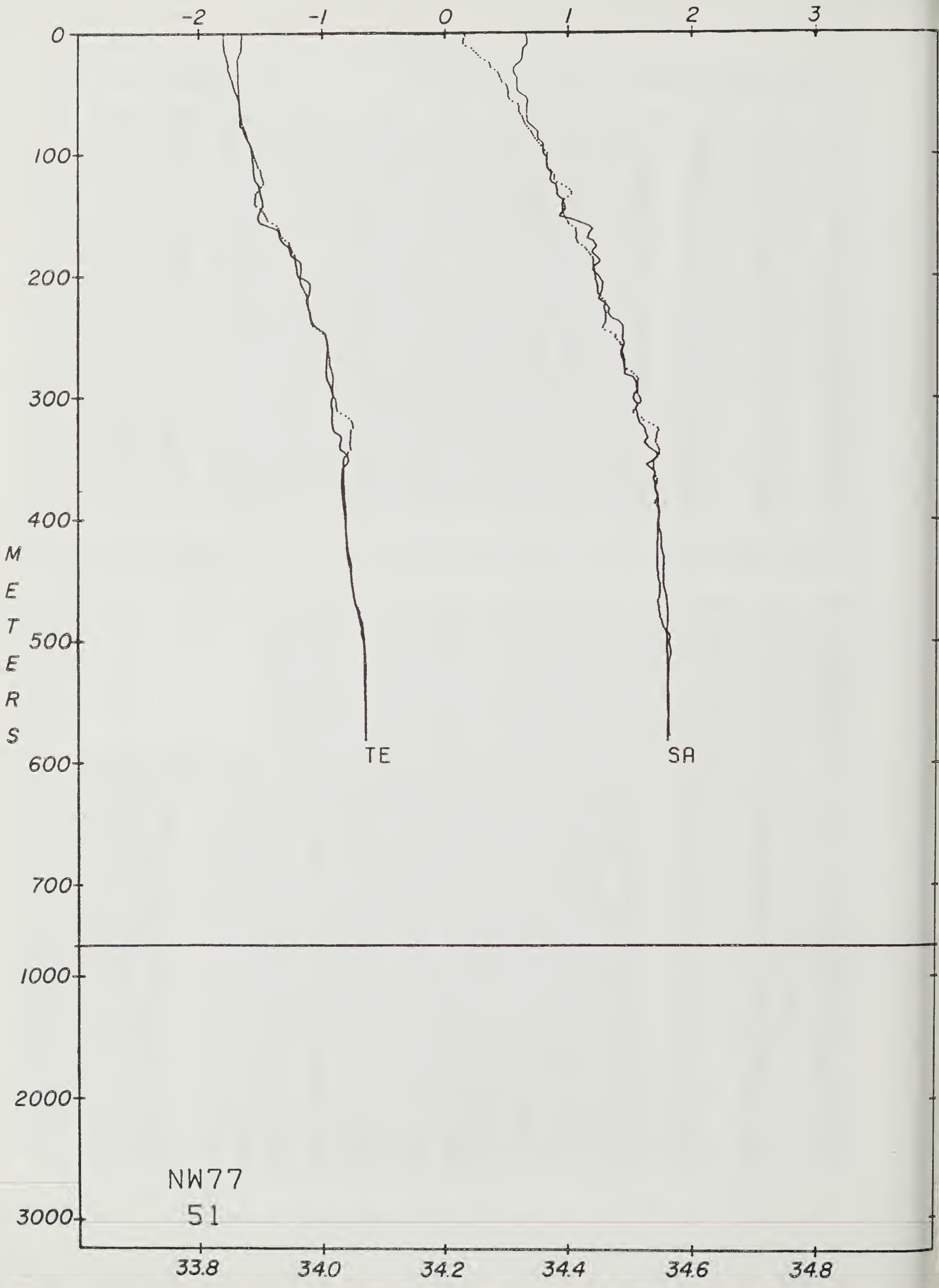
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76	1. 6S 170 16. 1W	569	707	1005. 6	230	10	-0. 6	1	0	6	645	28DEC76	NW	77	1	50

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1. 696	-1. 696	. 173	34. 108	27. 472	29. 881	32. 259	36. 928	61. 91	0. 000	1440. 2	0
10	-1. 683	-1. 683	. 193	34. 119	27. 481	29. 889	32. 267	36. 935	61. 05	. 006	1440. 4	10
20	-1. 663	-1. 663	. 228	34. 241	27. 579	29. 987	32. 364	37. 030	51. 66	. 012	1440. 8	20
30	-1. 674	-1. 674	. 227	34. 278	27. 609	30. 016	32. 394	37. 061	48. 77	. 017	1441. 0	30
40	-1. 683	-1. 684	. 227	34. 306	27. 633	30. 040	32. 417	37. 084	46. 49	. 022	1441. 2	40
50	-1. 685	-1. 686	. 234	34. 322	27. 645	30. 052	32. 430	37. 096	45. 25	. 026	1441. 3	50
60	-1. 685	-1. 686	. 242	34. 333	27. 654	30. 061	32. 439	37. 105	44. 32	. 031	1441. 5	60
70	-1. 685	-1. 687	. 250	34. 345	27. 664	30. 071	32. 448	37. 115	43. 35	. 035	1441. 7	71
80	-1. 693	-1. 695	. 250	34. 349	27. 667	30. 074	32. 451	37. 119	42. 99	. 039	1441. 8	81
90	-1. 690	-1. 692	. 261	34. 353	27. 670	30. 077	32. 455	37. 121	42. 64	. 044	1442. 0	91
100	-1. 672	-1. 674	. 287	34. 357	27. 673	30. 080	32. 457	37. 123	42. 32	. 048	1442. 3	101
125	-1. 636	-1. 639	. 342	34. 365	27. 679	30. 085	32. 461	37. 126	41. 67	. 058	1442. 9	126
150	-1. 647	-1. 650	. 351	34. 369	27. 683	30. 089	32. 466	37. 131	41. 13	. 069	1443. 2	151
175	-1. 573	-1. 578	. 443	34. 379	27. 689	30. 094	32. 469	37. 132	40. 47	. 079	1444. 0	176
200	-1. 542	-1. 547	. 494	34. 390	27. 696	30. 101	32. 476	37. 138	39. 65	. 089	1444. 6	202
225	-1. 492	-1. 498	. 564	34. 400	27. 703	30. 107	32. 481	37. 142	38. 87	. 099	1445. 3	227
250	-1. 519	-1. 526	. 556	34. 411	27. 713	30. 118	32. 492	37. 153	37. 80	. 108	1445. 6	252
275	-1. 546	-1. 553	. 549	34. 421	27. 722	30. 127	32. 501	37. 163	36. 82	. 118	1445. 9	277
300	-1. 453	-1. 460	. 662	34. 427	27. 724	30. 127	32. 501	37. 159	36. 59	. 127	1446. 7	302
325	-1. 295	-1. 304	. 841	34. 471	27. 755	30. 155	32. 526	37. 180	33. 74	. 136	1447. 9	328
350	-1. 167	-1. 177	. 989	34. 493	27. 768	30. 167	32. 536	37. 185	32. 47	. 144	1449. 0	353
375	-1. 663	-1. 676	1. 513	34. 518	27. 769	30. 160	32. 521	37. 155	32. 87	. 152	1451. 8	378
400	-1. 647	-1. 660	1. 550	34. 538	27. 785	30. 175	32. 536	37. 170	31. 34	. 160	1452. 3	403
425	-1. 564	-1. 579	1. 653	34. 567	27. 804	30. 194	32. 553	37. 184	29. 53	. 168	1453. 1	429
450	-1. 609	-1. 625	1. 627	34. 563	27. 803	30. 194	32. 553	37. 186	29. 53	. 175	1453. 3	454
475	-1. 545	-1. 562	1. 711	34. 567	27. 804	30. 193	32. 552	37. 183	29. 52	. 182	1454. 1	479
500	-1. 536	-1. 554	1. 739	34. 569	27. 805	30. 194	32. 553	37. 184	29. 36	. 190	1454. 5	504
550	-1. 508	-1. 528	1. 805	34. 578	27. 811	30. 200	32. 558	37. 188	28. 73	. 204	1455. 5	555
600	-1. 433	-1. 455	1. 918	34. 584	27. 812	30. 200	32. 557	37. 185	28. 62	. 219	1456. 7	605
650	-1. 383	-1. 408	2. 006	34. 585	27. 911	30. 198	32. 555	37. 181	28. 77	. 233	1457. 7	656
700	-1. 351	-1. 379	2. 076	34. 592	27. 815	30. 202	32. 558	37. 183	28. 38	. 247	1458. 7	706
701	-1. 350	-1. 378	2. 078	34. 592	27. 815	30. 202	32. 558	37. 183	28. 37	. 248	1458. 7	707

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76	1. 3S 170 16. 5W	569	707	1006. 1	200	10	-0. 8	1	0	0	748	28DEC76	NW	77	2	50

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM. 5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1. 69	-1. 69	0. 18	34. 183	27. 53	29. 94		50	1. 97			BC7	0	50
20	-1. 69	-1. 69	0. 20	34. 166	27. 52	29. 93	7. 80	51	2. 01			C7	2	50
72	-1. 73	-1. 73	0. 21	34. 349	27. 67	30. 08	7. 24	54	2. 06				2	50
276	-1. 55	-1. 56	0. 55	34. 413	27. 72	30. 12	7. 03	58	2. 16			C7	2	50
305	-1. 56	-1. 57	0. 56	34. 425	27. 73	30. 13	7. 06	59	2. 06				2	50
335	-1. 46	-1. 47	0. 68	34. 450	27. 74	30. 15	6. 93	71	2. 16			C7	2	50
429	-0. 43	-0. 45	1. 79	34. 568	27. 80	30. 19	6. 02	86	2. 17				2	50
478	-0. 54	-0. 56	1. 72	34. 574	27. 81	30. 20	6. 11	85	2. 22			C7	2	50
515	-0. 51	-0. 53	1. 78	34. 573	27. 81	30. 20	6. 04	86	2. 24				2	50
599	-0. 44	-0. 46	1. 91	34. 581	27. 81	30. 20	6. 06	88	2. 24			C7	2	50
700	-0. 35	-0. 38	2. 08	34. 588	27. 81	30. 20	6. 00	89	2. 23				2	50

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1. 692	-1. 692	. 179	34. 148	27. 505	29. 913	32. 291	36. 959	58. 85	0. 000	1440. 2	0
10	-1. 694	-1. 694	. 184	34. 149	27. 505	29. 913	32. 291	36. 960	58. 75	. 006	1440. 4	10
20	-1. 690	-1. 691	. 196	34. 159	27. 514	29. 922	32. 300	36. 968	57. 88	. 012	1440. 6	20
30	-1. 706	-1. 706	. 195	34. 271	27. 604	30. 012	32. 390	37. 058	49. 23	. 017	1440. 8	30
40	-1. 731	-1. 732	. 180	34. 311	27. 638	30. 046	32. 424	37. 092	46. 01	. 022	1440. 9	40
50	-1. 741	-1. 742	. 178	34. 331	27. 654	30. 062	32. 440	37. 109	44. 37	. 026	1441. 1	50
60	-1. 732	-1. 733	. 195	34. 340	27. 662	30. 069	32. 447	37. 115	43. 64	. 031	1441. 3	60
70	-1. 727	-1. 729	. 208	34. 349	27. 668	30. 076	32. 454	37. 122	42. 94	. 035	1441. 5	71
80	-1. 722	-1. 723	. 221	34. 352	27. 671	30. 078	32. 456	37. 124	42. 62	. 039	1441. 7	81
90	-1. 729	-1. 731	. 222	34. 357	27. 675	30. 083	32. 460	37. 128	42. 19	. 044	1441. 8	91
100	-1. 741	-1. 743	. 218	34. 362	27. 680	30. 088	32. 465	37. 133	41. 69	. 048	1442. 0	101
125	-1. 753	-1. 756	. 225	34. 369	27. 686	30. 094	32. 472	37. 140	40. 97	. 058	1442. 3	126
150	-1. 765	-1. 768	. 232	34. 373	27. 689	30. 097	32. 476	37. 144	40. 49	. 068	1442. 7	151
175	-1. 745	-1. 749	. 272	34. 377	27. 691	30. 099	32. 477	37. 145	40. 15	. 078	1443. 2	176
200	-1. 657	-1. 662	. 379	34. 384	27. 695	30. 102	32. 478	37. 144	39. 68	. 088	1444. 0	202
225	-1. 601	-1. 606	. 455	34. 395	27. 702	30. 108	32. 483	37. 147	38. 94	. 098	1444. 7	227
250	-1. 547	-1. 554	. 528	34. 403	27. 707	30. 112	32. 487	37. 149	38. 35	. 108	1445. 4	252
275	-1. 551	-1. 558	. 544	34. 423	27. 724	30. 128	32. 503	37. 165	36. 66	. 117	1445. 8	277
300	-1. 577	-1. 585	. 537	34. 426	27. 727	30. 132	32. 507	37. 170	36. 24	. 126	1446. 1	302
325	-1. 541	-1. 549	. 593	34. 426	27. 734	30. 138	32. 513	37. 174	35. 47	. 135	1446. 7	328
350	-1. 292	-1. 302	. 863	34. 464	27. 749	30. 149	32. 520	37. 174	34. 21	. 144	1448. 4	353
375	-1. 255	-1. 266	. 919	34. 477	27. 758	30. 159	32. 529	37. 181	33. 21	. 152	1449. 0	378
400	-1. 987	-1. 999	1. 206	34. 473	27. 746	30. 142	32. 508	37. 153	34. 61	. 161	1450. 6	403
425	-1. 466	-1. 481	1. 749	34. 536	27. 775	30. 163	32. 521	37. 150	32. 40	. 169	1453. 5	429
450	-1. 466	-1. 483	1. 771	34. 589	27. 817	30. 206	32. 563	37. 191	28. 37	. 177	1454. 0	454
475	-1. 530	-1. 547	1. 726	34. 575	27. 810	30. 199	32. 557	37. 187	28. 99	. 184	1454. 1	479
500	-1. 523	-1. 541	1. 751	34. 570	27. 805	30. 194	32. 552	37. 182	29. 41	. 191	1454. 6	504
550	-1. 502	-1. 522	1. 810	34. 569	27. 803	30. 192	32. 550	37. 180	29. 44	. 206	1455. 5	555
600	-1. 442	-1. 465	1. 909	34. 581	27. 810	30. 198	32. 556	37. 184	28. 79	. 221	1456. 6	605
650	-1. 426	-1. 451	1. 963	34. 581	27. 810	30. 198	32. 555	37. 182	28. 81	. 235	1457. 5	656
700	-1. 353	-1. 380	2. 075	34. 590	27. 813	30. 200	32. 556	37. 182	28. 51	. 249	1458. 7	706
702	-1. 350	-1. 378	2. 079	34. 591	27. 814	30. 201	32. 557	37. 182	28. 44	. 250	1458. 8	708



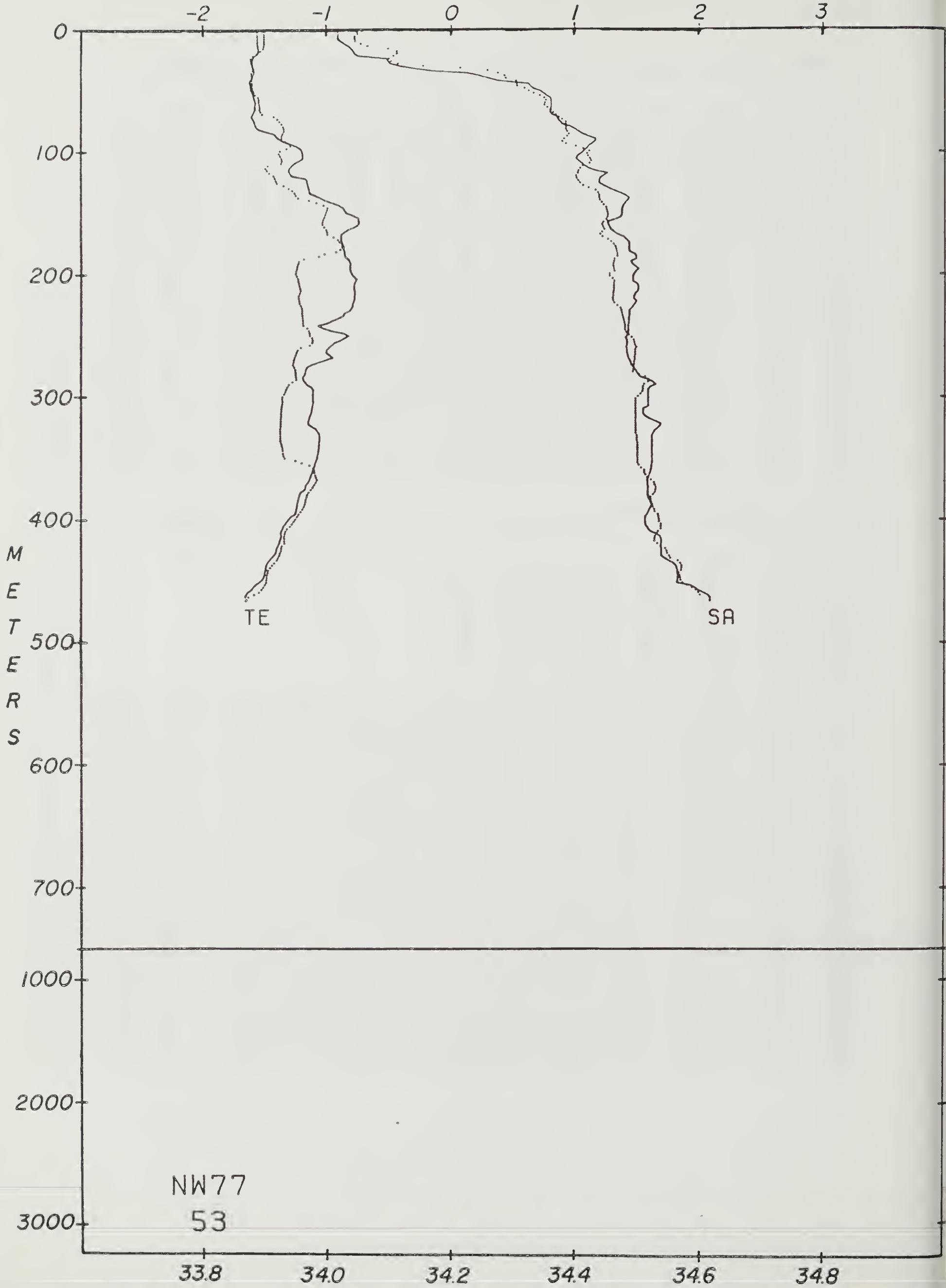
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN		
76	5.4S	170	31.9W	569	583	1006.9	220	14	-2.1	1	0	28	932	28DEC76	NW	77	1	51

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.804	-1.804	.077	34.331	27.656	30.065	32.444	37.114	44.52	0.000	1440.0	0
10	-1.801	-1.801	.087	34.332	27.656	30.065	32.444	37.114	44.44	.004	1440.1	10
20	-1.778	-1.778	.118	34.325	27.650	30.059	32.438	37.107	44.96	.009	1440.4	20
30	-1.762	-1.763	.141	34.311	27.639	30.047	32.426	37.095	45.97	.013	1440.6	30
40	-1.730	-1.730	.181	34.317	27.643	30.051	32.429	37.097	45.53	.018	1441.0	40
50	-1.697	-1.698	.222	34.327	27.649	30.057	32.434	37.101	44.85	.023	1441.3	50
60	-1.676	-1.677	.251	34.334	27.655	30.062	32.439	37.106	44.25	.027	1441.6	60
70	-1.671	-1.672	.264	34.335	27.655	30.062	32.439	37.106	44.16	.031	1441.8	71
80	-1.638	-1.640	.305	34.351	27.668	30.074	32.451	37.116	42.92	.036	1442.1	81
90	-1.593	-1.595	.358	34.360	27.674	30.080	32.455	37.119	42.31	.040	1442.5	91
100	-1.573	-1.576	.386	34.364	27.677	30.082	32.457	37.120	42.02	.044	1442.8	101
125	-1.519	-1.522	.460	34.383	27.690	30.094	32.469	37.130	40.65	.055	1443.5	126
150	-1.527	-1.531	.471	34.392	27.698	30.102	32.477	37.138	39.77	.065	1443.8	151
175	-1.284	-1.288	.737	34.446	27.734	30.135	32.505	37.159	36.33	.074	1445.5	176
200	-1.171	-1.177	.869	34.452	27.735	30.134	32.503	37.153	36.18	.083	1446.4	202
225	-1.115	-1.121	.945	34.466	27.745	30.143	32.510	37.159	35.23	.092	1447.1	227
250	-.966	-.974	1.114	34.489	27.758	30.153	32.519	37.163	34.00	.101	1448.3	252
275	-.967	-.975	1.132	34.493	27.761	30.156	32.521	37.165	33.67	.109	1448.7	277
300	-.919	-.929	1.200	34.507	27.771	30.165	32.530	37.172	32.67	.118	1449.3	302
325	-.909	-.919	1.230	34.526	27.785	30.180	32.544	37.186	31.25	.126	1449.8	328
350	-.784	-.795	1.375	34.539	27.791	30.184	32.546	37.184	30.73	.133	1450.8	353
375	-.840	-.852	1.338	34.544	27.797	30.190	32.554	37.194	30.05	.141	1451.0	378
400	-.810	-.823	1.387	34.547	27.799	30.192	32.555	37.194	29.83	.148	1451.6	403
425	-.787	-.801	1.430	34.554	27.803	30.196	32.558	37.197	29.37	.156	1452.1	429
450	-.757	-.773	1.478	34.555	27.803	30.195	32.557	37.194	29.36	.163	1452.6	454
475	-.706	-.722	1.549	34.562	27.807	30.198	32.559	37.195	29.03	.170	1453.3	479
500	-.657	-.674	1.617	34.564	27.806	30.197	32.558	37.192	29.07	.178	1453.9	504
550	-.640	-.659	1.672	34.564	27.805	30.196	32.557	37.190	29.05	.192	1454.9	555
577	-.640	-.661	1.692	34.565	27.806	30.197	32.557	37.191	28.91	.200	1455.3	582

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN		
76	5.1S	170	31.8W	569	583	1007.0	220	13	-2.2	1	0	0	1026	28DEC76	NW	77	2	51

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.66	-1.66	0.22	34.230	27.57	29.98		57				C7	2	51
29	-1.70	-1.70	0.20	34.274	27.61	30.01		57					2	51
50	-1.67	-1.67	0.25	34.312	27.64	30.04		57				C7	2	51
100	-1.57	-1.57	0.39	34.363	27.68	30.08		60					2	51
199	-1.20	-1.21	0.84	34.444	27.73	30.13		65				C7	2	51
298	-0.89	-0.90	1.23	34.512	27.77	30.17							2	51
396	-0.80	-0.81	1.39	34.547	27.80	30.19						C7	2	51
546	-0.62	-0.64	1.69	34.562	27.80	30.19							2	51
579	-0.64	-0.66	1.69	34.560	27.80	30.19						C7	2	51

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.659	-1.659	.217	34.232	27.572	29.979	32.356	37.023	52.48	0.000	1440.5	0
10	-1.661	-1.661	.222	34.235	27.575	29.982	32.359	37.026	52.17	.005	1440.7	10
20	-1.686	-1.687	.206	34.259	27.594	30.002	32.379	37.046	50.26	.010	1440.8	20
30	-1.687	-1.687	.214	34.281	27.612	30.019	32.397	37.064	48.49	.015	1440.9	30
40	-1.685	-1.686	.224	34.294	27.623	30.030	32.408	37.075	47.42	.020	1441.1	40
50	-1.678	-1.679	.239	34.303	27.630	30.037	32.414	37.081	46.68	.025	1441.3	50
60	-1.672	-1.673	.254	34.321	27.644	30.051	32.429	37.095	45.26	.029	1441.6	60
70	-1.656	-1.658	.278	34.328	27.650	30.056	32.433	37.099	44.73	.034	1441.8	71
80	-1.624	-1.626	.319	34.341	27.659	30.065	32.441	37.106	43.77	.038	1442.2	81
90	-1.592	-1.594	.358	34.354	27.669	30.075	32.450	37.114	42.80	.043	1442.5	91
100	-1.555	-1.558	.404	34.368	27.679	30.084	32.459	37.121	41.81	.047	1442.8	101
125	-1.489	-1.492	.490	34.395	27.699	30.103	32.477	37.137	39.79	.057	1443.6	126
150	-1.463	-1.467	.535	34.396	27.699	30.103	32.476	37.136	39.65	.067	1444.1	151
175	-1.266	-1.271	.754	34.427	27.718	30.118	32.488	37.142	37.88	.077	1445.5	176
200	-1.196	-1.202	.843	34.446	27.731	30.130	32.500	37.150	36.55	.086	1446.3	202
225	-1.115	-1.121	.944	34.460	27.740	30.138	32.506	37.154	35.70	.095	1447.1	227
250	-.966	-.974	1.113	34.478	27.749	30.144	32.510	37.154	34.85	.104	1448.2	252
275	-.927	-.935	1.173	34.495	27.761	30.156	32.521	37.163	33.67	.112	1448.9	277
300	-.891	-.901	1.228	34.518	27.778	30.173	32.537	37.178	31.98	.121	1449.5	302
325	-.752	-.762	1.388	34.548	27.797	30.189	32.551	37.187	30.31	.128	1450.6	328
350	-.825	-.836	1.334	34.542	27.795	30.188	32.551	37.191	30.31	.136	1450.6	353
375	-.819	-.831	1.359	34.543	27.796	30.189	32.552	37.191	30.20	.144	1451.1	378
400	-.802	-.815	1.395	34.547	27.798	30.191	32.554	37.193	29.89	.151	1451.6	403
425	-.796	-.810	1.420	34.545	27.796	30.190	32.552	37.191	29.99	.159	1452.0	429
450	-.752	-.767	1.483	34.548	27.797	30.190	32.552	37.189	29.91	.166	1452.7	454
475	-.691	-.708	1.563	34.549	27.795	30.187	32.548	37.183	30.12	.174	1453.4	479
500	-.650	-.667	1.624	34.561	27.803	30.194	32.555	37.189	29.34	.181	1454.0	504
550	-.641	-.661	1.671	34.562	27.804	30.195	32.555	37.189	29.19	.196	1454.9	555
581	-.637	-.658	1.699	34.563	27.804	30.195	32.556	37.189	29.07	.205	1455.4	586



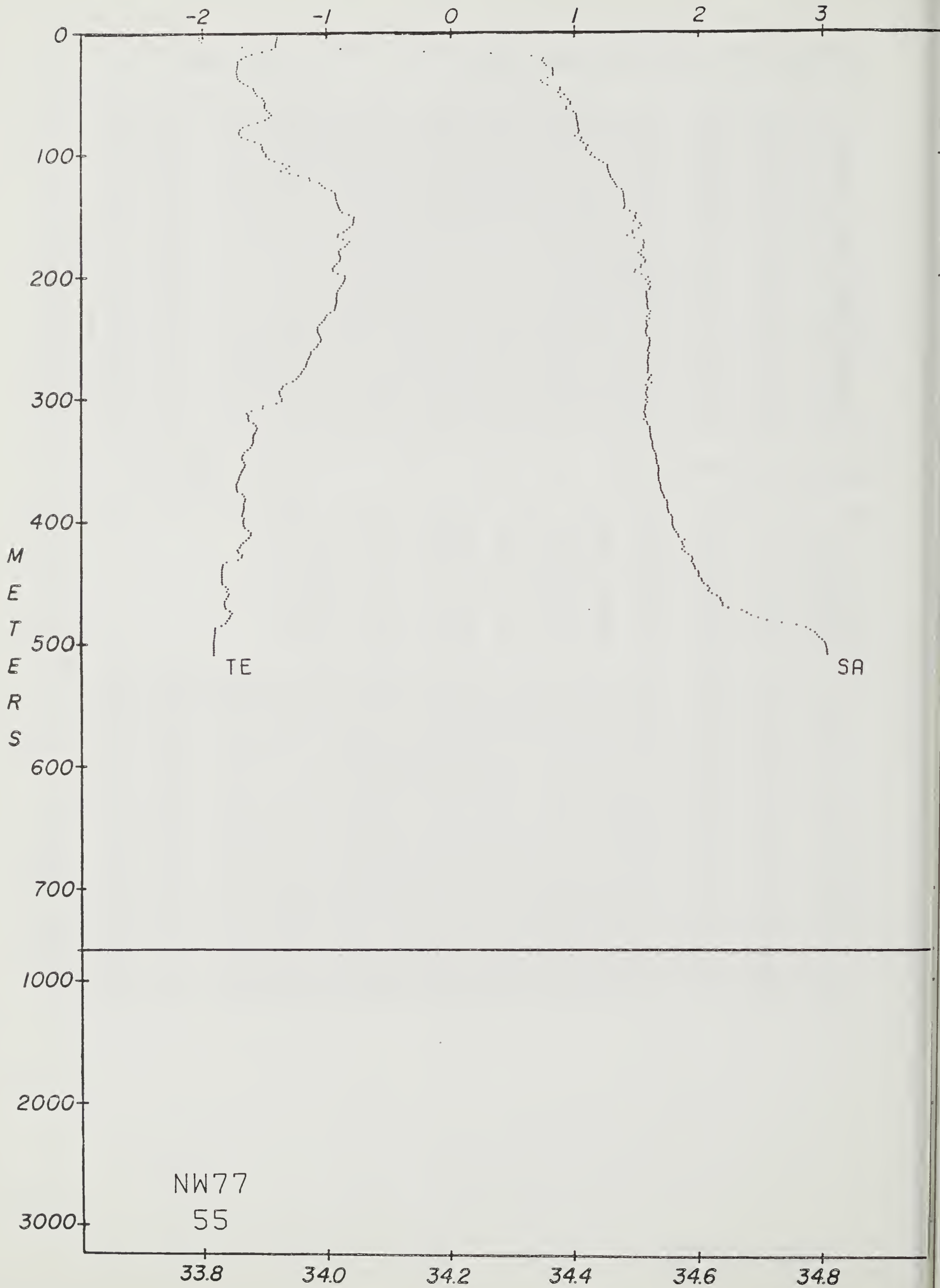
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
76 46.45	172 12.1W	569	467	1004.9	310	11	1.7	1		0	6	1933	28DEC76		NW	77	1	53

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.560	-1.560	.303	34.018	27.396	29.802	32.179	36.844	69.16	0.000	1440.7	0
10	-1.559	-1.560	.312	34.029	27.405	29.811	32.188	36.853	68.24	.007	1440.9	10
20	-1.580	-1.580	.301	34.058	27.429	29.835	32.212	36.878	65.93	.014	1441.0	20
30	-1.596	-1.597	.297	34.144	27.499	29.905	32.282	36.947	59.24	.020	1441.2	30
40	-1.619	-1.620	.290	34.287	27.615	30.022	32.398	37.063	48.13	.025	1441.4	40
50	-1.603	-1.604	.317	34.351	27.667	30.073	32.448	37.112	43.22	.030	1441.8	50
60	-1.578	-1.580	.350	34.363	27.676	30.081	32.457	37.120	42.30	.034	1442.1	60
70	-1.605	-1.607	.331	34.370	27.683	30.088	32.464	37.128	41.62	.038	1442.1	71
80	-1.547	-1.549	.399	34.403	27.707	30.112	32.487	37.148	39.23	.042	1442.6	81
90	-1.345	-1.347	.611	34.434	27.726	30.128	32.499	37.155	37.43	.046	1443.8	91
100	-1.192	-1.195	.769	34.411	27.702	30.101	32.471	37.122	39.71	.050	1444.6	101
125	-1.151	-1.154	.832	34.444	27.728	30.126	32.494	37.144	37.23	.060	1445.3	126
150	-	-790	1.218	34.476	27.740	30.133	32.495	37.134	36.11	.069	1447.4	151
175	-864	-870	1.159	34.488	27.753	30.147	32.511	37.151	34.76	.078	1447.5	176
200	-770	-777	1.272	34.494	27.754	30.147	32.509	37.147	34.63	.086	1448.3	202
225	-790	-797	1.271	34.494	27.755	30.148	32.510	37.148	34.51	.095	1448.7	227
250	-853	-860	1.227	34.483	27.748	30.142	32.506	37.146	34.99	.104	1448.8	252
275	-1.162	-1.170	.937	34.497	27.771	30.170	32.538	37.188	32.51	.112	1447.8	277
300	-1.107	-1.116	1.012	34.518	27.786	30.184	32.552	37.200	31.02	.120	1448.5	302
325	-1.078	-1.088	1.061	34.531	27.796	30.193	32.560	37.207	30.09	.128	1449.0	328
350	-1.083	-1.093	1.075	34.524	27.790	30.188	32.555	37.202	30.48	.135	1449.4	353
375	-1.193	-1.204	.983	34.517	27.788	30.188	32.556	37.207	30.46	.143	1449.3	378
400	-1.323	-1.334	.872	34.513	27.790	30.191	32.562	37.216	30.08	.150	1449.1	403
425	-1.416	-1.428	.800	34.540	27.814	30.217	32.589	37.246	27.55	.158	1449.1	429
450	-1.552	-1.565	.684	34.569	27.842	30.247	32.621	37.282	24.63	.164	1448.9	454
462	-1.663	-1.675	.586	34.617	27.884	30.290	32.666	37.330	20.48	.167	1448.7	466

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
76 46.45	172 11.6W	569	467	1004.9	320	11	2.1	1		0	0	2023	28DEC76		NW	77	2	53

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-1.51	-1.51	0.36	34.044	27.42	29.82	8.78	49	1.57			C7	2	53
26	-1.63	-1.63	0.26	34.125	27.48	29.89	8.50	50	1.68				2	53
49	-1.59	-1.59	0.33	34.336	27.65	30.06	7.04	60	2.18			C7	2	53
62	-1.55	-1.55	0.38	34.373	27.68	30.09	6.74	61	2.17				2	53
107	-1.44	-1.44	0.53	34.421	27.72	30.12	6.33	62	2.20			C7	2	53
170	-0.95	-0.96	1.07	34.478	27.75	30.14	6.26	69	2.22				2	53
208	-1.22	-1.23	0.83	34.476	27.76	30.16	6.52	68	2.21			C7	2	53
263	-1.27	-1.28	0.82	34.497	27.77	30.17	6.52	67	2.23				2	53
336	-1.36	-1.37	0.79	34.506	27.79	30.19	6.55	66	2.20			A	2	53
355	-1.08	-1.09	1.08	34.524	27.79	30.19	6.25	69	2.21			C7	2	53
465	-1.65	-1.66	0.60	34.618	27.88	30.29	6.58	70	2.25				2	53

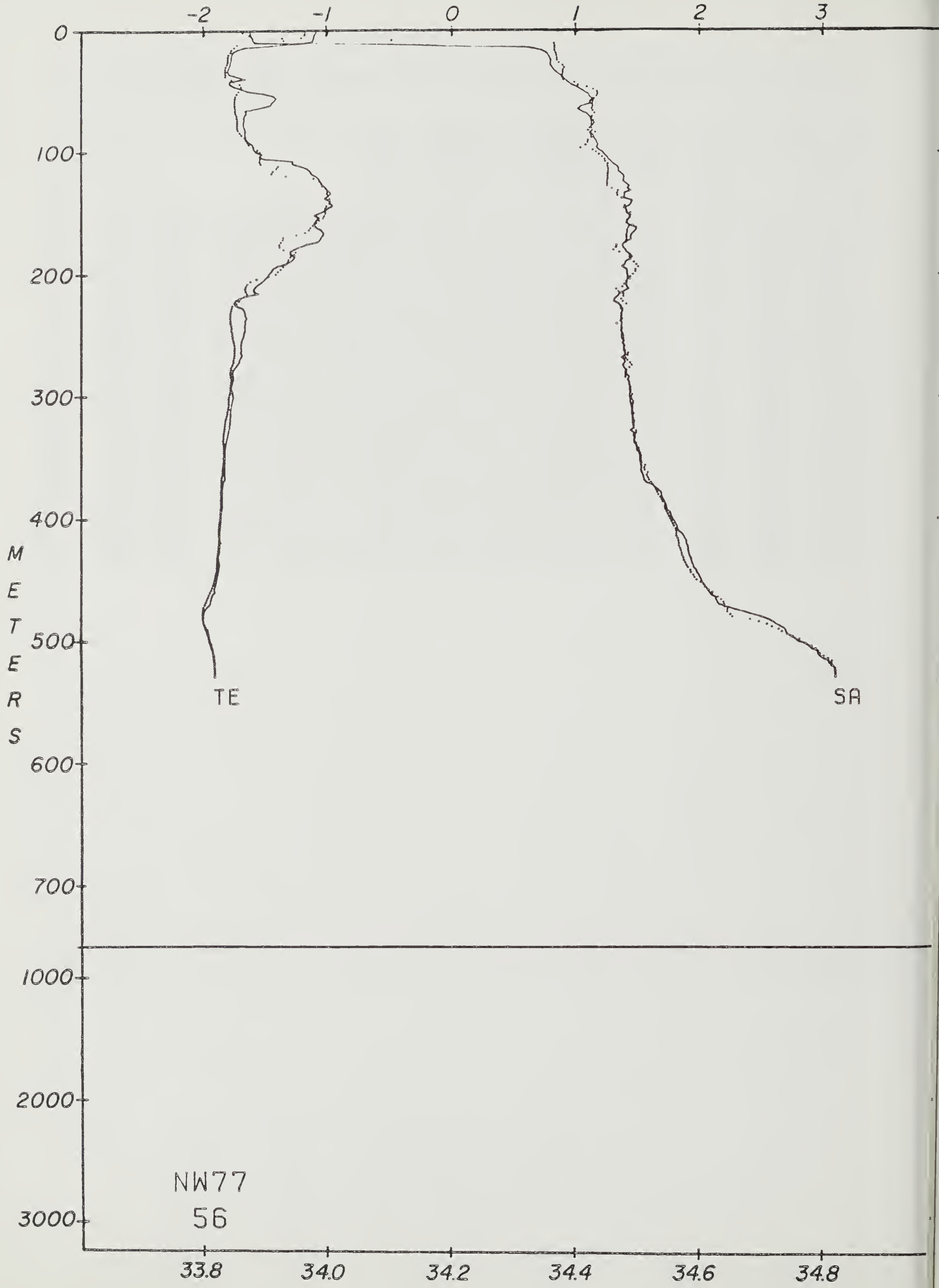
DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.507	-1.507	.358	34.049	27.419	29.825	32.201	36.865	66.92	0.000	1441.0	0
10	-1.507	-1.507	.366	34.057	27.425	29.831	32.207	36.870	66.30	.007	1441.1	10
20	-1.598	-1.599	.285	34.106	27.468	29.875	32.252	36.918	62.18	.013	1441.0	20
30	-1.595	-1.595	.303	34.223	27.562	29.969	32.345	37.010	53.21	.019	1441.3	30
40	-1.604	-1.605	.306	34.307	27.631	30.037	32.413	37.077	46.68	.024	1441.5	40
50	-1.587	-1.588	.332	34.336	27.654	30.060	32.435	37.099	44.44	.028	1441.8	50
60	-1.543	-1.544	.385	34.353	27.667	30.072	32.447	37.109	43.17	.033	1442.2	60
70	-1.427	-1.429	.510	34.376	27.682	30.085	32.458	37.116	41.69	.037	1443.0	71
80	-1.343	-1.345	.602	34.388	27.689	30.090	32.462	37.117	41.05	.041	1443.5	81
90	-1.330	-1.332	.622	34.382	27.684	30.085	32.457	37.112	41.44	.045	1443.8	91
100	-1.385	-1.387	.578	34.423	27.719	30.121	32.493	37.150	38.09	.049	1443.7	101
125	-1.373	-1.376	.608	34.413	27.710	30.112	32.484	37.141	38.78	.059	1444.2	126
150	-1.008	-1.012	.995	34.455	27.731	30.128	32.494	37.139	36.83	.068	1446.4	151
175	-867	-872	1.155	34.466	27.735	30.129	32.493	37.134	36.46	.077	1447.4	176
200	-1.237	-1.242	.803	34.458	27.742	30.142	32.512	37.163	35.50	.086	1446.1	202
225	-1.199	-1.206	.861	34.473	27.753	30.152	32.521	37.172	34.39	.095	1446.7	227
250	-1.111	-1.118	.969	34.493	27.766	30.164	32.532	37.180	33.11	.104	1447.6	252
275	-1.256	-1.264	.843	34.495	27.773	30.173	32.543	37.195	32.27	.112	1447.3	277
300	-1.357	-1.365	.762	34.499	27.779	30.181	32.552	37.208	31.47	.120	1447.3	302
325	-1.375	-1.384	.763	34.498	27.779	30.181	32.553	37.209	31.35	.128	1447.6	328
350	-1.264	-1.274	.893	34.501	27.778	30.178	32.548	37.201	31.46	.135	1448.5	353
375	-1.137	-1.148	1.040	34.530	27.797	30.195	32.563	37.212	29.72	.143	1449.6	378
400	-1.269	-1.280	.928	34.537	27.807	30.207	32.577	37.230	28.50	.150	1449.4	403
425	-1.376	-1.389	.840	34.549	27.820	30.222	32.594	37.250	27.02	.157	1449.3	429
450	-1.495	-1.507	.742	34.575	27.845	30.249	32.622	37.282	24.42	.164	1449.2	454
465	-1.658	-1.671	.592	34.618	27.885	30.291	32.666	37.330	20.41	.167	1448.8	469



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 18.55	173 10.0W	569	510	1000.5	360	16	1.7	2		0	0	135	29DEC76	NW	77	2	55

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
26	-1.71	-1.71	0.19	34.356	27.67	30.08	7.03					D6	2	55
55	-1.57	-1.57	0.36	34.385	27.69	30.10	6.73					D6	2	55
84	-1.73	-1.73	0.22	34.404	27.71	30.12	6.86					D6	2	55
115	-1.26	-1.26	0.72	34.446	27.73	30.13	6.56					D6A	2	55
215	-0.91	-0.92	1.15	34.517	27.78	30.17	6.19					D6	2	55

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.395	-1.395	.456	33.794	27.209	29.614	31.989	36.652	86.85	0.000	1441.1	0
10	-1.425	-1.425	.438	33.892	27.290	29.695	32.069	36.732	79.17	.008	1441.3	10
20	-1.693	-1.693	.205	34.349	27.668	30.075	32.452	37.119	43.29	.014	1440.8	20
30	-1.731	-1.731	.175	34.367	27.683	30.091	32.468	37.136	41.80	.019	1440.9	30
40	-1.671	-1.672	.242	34.350	27.668	30.075	32.452	37.118	43.14	.023	1441.3	40
50	-1.556	-1.557	.366	34.382	27.690	30.095	32.470	37.132	40.99	.027	1442.0	50
60	-1.502	-1.503	.428	34.391	27.696	30.100	32.474	37.135	40.40	.031	1442.5	60
70	-1.511	-1.513	.427	34.405	27.708	30.112	32.486	37.147	39.25	.035	1442.6	71
80	-1.710	-1.712	.236	34.408	27.716	30.123	32.500	37.167	38.39	.039	1441.8	81
90	-1.540	-1.542	.415	34.416	27.718	30.122	32.497	37.158	38.19	.043	1442.8	91
100	-1.490	-1.493	.472	34.429	27.727	30.130	32.504	37.164	37.33	.047	1443.2	101
125	-1.024	-1.027	.960	34.469	27.743	30.140	32.506	37.152	35.79	.056	1445.9	126
150	-.787	-.792	1.217	34.497	27.757	30.150	32.513	37.151	34.47	.065	1447.4	151
175	-.872	-.877	1.152	34.511	27.772	30.166	32.530	37.170	32.99	.073	1447.5	176
200	-.854	-.860	1.189	34.517	27.776	30.170	32.533	37.174	32.51	.081	1448.0	202
225	-.939	-.946	1.124	34.519	27.781	30.176	32.541	37.184	31.92	.089	1448.0	227
250	-1.054	-1.061	1.028	34.521	27.787	30.183	32.550	37.196	31.24	.097	1447.9	252
275	-1.200	-1.207	.901	34.520	27.791	30.190	32.559	37.210	30.57	.105	1447.6	277
300	-1.377	-1.385	.743	34.518	27.795	30.197	32.569	37.225	29.97	.112	1447.2	302
325	-1.581	-1.589	.558	34.523	27.806	30.211	32.585	37.247	28.67	.120	1446.7	328
350	-1.676	-1.685	.482	34.533	27.816	30.223	32.599	37.264	27.42	.127	1446.7	353
375	-1.706	-1.715	.472	34.541	27.824	30.231	32.607	37.273	26.56	.134	1446.9	378
400	-1.682	-1.692	.516	34.559	27.837	30.244	32.620	37.285	25.20	.140	1447.5	403
425	-1.705	-1.716	.513	34.581	27.856	30.263	32.640	37.305	23.24	.146	1447.8	429
450	-1.846	-1.857	.392	34.609	27.883	30.291	32.670	37.340	20.46	.152	1447.6	454
475	-1.780	-1.792	.482	34.681	27.939	30.347	32.724	37.391	15.09	.156	1448.4	479
500	-1.923	-1.936	.365	34.806	28.044	30.453	32.832	37.502	4.95	.158	1448.4	504
508	-1.922	-1.935	.372	34.809	28.046	30.456	32.835	37.505	4.68	.159	1448.5	512



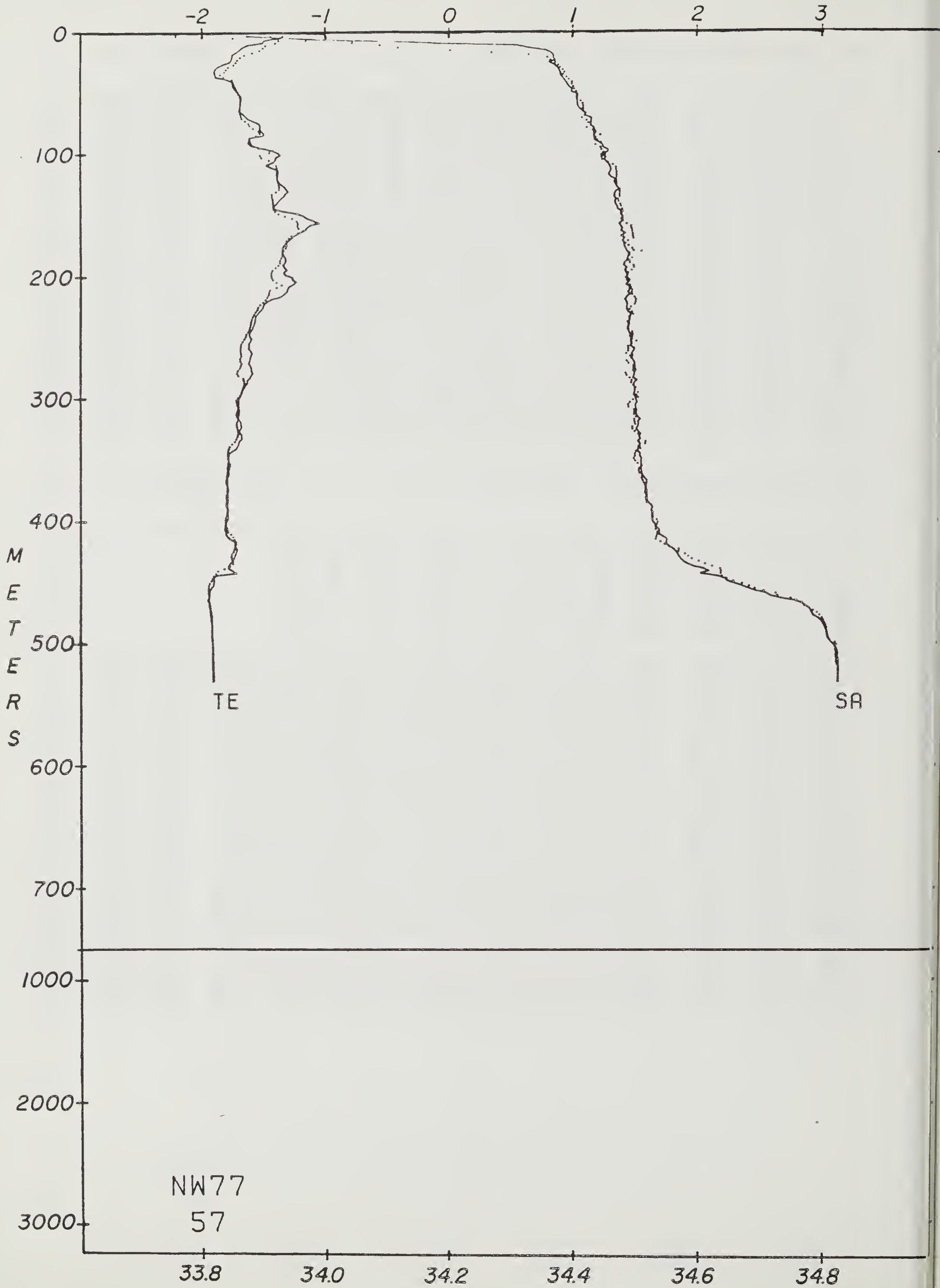
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 47.3S 174 21.8W 569 534 999.0 340 16 0.6 2 0 0 359 29DEC76 NW 77 1 56

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.104	-1.104	.752	33.880	27.270	29.670	32.040	36.693	81.12	0.000	1442.6	0
10	-1.192	-1.192	.674	33.939	27.320	29.722	32.093	36.748	76.25	.008	1442.5	10
20	-1.774	-1.775	.123	34.356	27.676	30.084	32.462	37.132	42.35	.014	1440.5	20
30	-1.799	-1.799	.107	34.363	27.682	30.090	32.469	37.139	41.91	.018	1440.5	30
40	-1.697	-1.698	.217	34.385	27.697	30.104	32.481	37.148	40.42	.022	1441.2	40
50	-1.629	-1.630	.295	34.416	27.720	30.126	32.502	37.166	38.19	.026	1441.7	50
60	-1.447	-1.448	.485	34.420	27.719	30.121	32.495	37.153	38.30	.030	1442.8	60
70	-1.669	-1.671	.270	34.422	27.726	30.132	32.509	37.174	37.52	.034	1441.9	71
80	-1.674	-1.676	.274	34.426	27.729	30.136	32.512	37.178	37.12	.037	1442.0	81
90	-1.651	-1.653	.305	34.432	27.734	30.140	32.516	37.181	36.65	.041	1442.3	91
100	-1.572	-1.574	.392	34.443	27.741	30.146	32.521	37.183	35.96	.045	1442.9	101
125	-1.054	-1.058	.930	34.479	27.753	30.150	32.516	37.163	34.88	.054	1445.8	126
150	-1.060	-1.064	.944	34.483	27.756	30.153	32.520	37.166	34.49	.062	1446.2	151
175	-1.127	-1.131	.896	34.478	27.755	30.152	32.520	37.169	34.49	.071	1446.3	176
200	-1.469	-1.474	.572	34.484	27.771	30.174	32.547	37.206	32.65	.079	1445.1	202
225	-1.741	-1.746	.319	34.472	27.769	30.176	32.554	37.221	32.54	.087	1444.2	227
250	-1.675	-1.681	.404	34.475	27.769	30.176	32.552	37.218	32.41	.096	1444.9	252
275	-1.736	-1.742	.363	34.477	27.773	30.180	32.558	37.225	31.88	.104	1445.0	277
300	-1.762	-1.769	.356	34.488	27.782	30.190	32.568	37.235	30.86	.111	1445.4	302
325	-1.792	-1.800	.345	34.495	27.788	30.196	32.575	37.243	30.11	.119	1445.6	328
350	-1.829	-1.837	.328	34.505	27.797	30.206	32.585	37.255	29.07	.126	1445.9	353
375	-1.849	-1.858	.328	34.531	27.819	30.228	32.608	37.278	26.82	.133	1446.2	378
400	-1.862	-1.872	.336	34.558	27.841	30.250	32.629	37.300	24.61	.140	1446.6	403
425	-1.873	-1.883	.346	34.583	27.862	30.271	32.650	37.321	22.52	.146	1447.0	429
450	-1.897	-1.908	.341	34.604	27.879	30.289	32.668	37.339	20.69	.151	1447.4	454
475	-1.996	-2.008	.265	34.666	27.932	30.343	32.724	37.397	15.46	.156	1447.4	479
500	-1.957	-1.969	.329	34.763	28.010	30.420	32.799	37.471	8.09	.159	1448.1	504
529	-1.910	-1.923	.401	34.821	28.056	30.465	32.843	37.513	3.69	.160	1448.9	534

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 47.0S 174 15.0W 569 534 998.3 340 15 0.1 2 0 0 458 29DEC76 NW 77 2 56

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.16	-1.16	0.70	33.874	27.27	29.67	9.36	52	1.13			A	2	56
41	-1.80	-1.80	0.12	34.382	27.70	30.11	7.33	61	2.00				2	56
71	-1.73	-1.73	0.21	34.435	27.74	30.15	6.85	61	2.14			C7	2	56
111	-1.51	-1.51	0.46	34.461	27.75	30.16	6.81	63	2.13				2	56
201	-1.43	-1.44	0.61	34.483	27.77	30.17	6.52	66	2.14			C7	2	56
365	-1.85	-1.86	0.32	34.517	27.81	30.22	6.69	65	2.19				2	56
484	-2.01	-2.02	0.26	34.696	27.96	30.37	6.72	72	2.17			C7	2	56
529	-1.91	-1.92	0.40	34.821	28.06	30.47	6.55	75	2.23				2	56

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.171	-1.171	.683	33.853	27.250	29.651	32.022	36.678	82.98	0.000	1442.3	0
10	-1.538	-1.539	.350	34.326	27.645	30.050	32.424	37.087	45.51	.006	1441.4	10
20	-1.805	-1.805	.094	34.370	27.687	30.096	32.475	37.145	41.43	.011	1440.3	20
30	-1.826	-1.826	.081	34.381	27.697	30.106	32.485	37.155	40.49	.015	1440.4	30
40	-1.778	-1.779	.137	34.387	27.701	30.109	32.488	37.157	40.02	.019	1440.8	40
50	-1.720	-1.722	.205	34.435	27.738	30.145	32.523	37.189	36.46	.023	1441.3	50
60	-1.751	-1.753	.181	34.427	27.732	30.140	32.518	37.186	36.96	.026	1441.3	60
70	-1.736	-1.738	.204	34.427	27.732	30.139	32.517	37.184	36.95	.030	1441.6	71
80	-1.729	-1.731	.218	34.423	27.729	30.136	32.514	37.181	37.18	.034	1441.8	81
90	-1.659	-1.661	.295	34.421	27.725	30.131	32.508	37.173	37.48	.038	1442.3	91
100	-1.545	-1.547	.418	34.433	27.731	30.136	32.510	37.172	36.87	.041	1443.0	101
125	-1.057	-1.060	.926	34.450	27.730	30.127	32.494	37.140	37.07	.050	1445.7	126
150	-1.019	-1.023	.985	34.489	27.759	30.155	32.522	37.167	34.19	.059	1446.4	151
175	-1.394	-1.389	.638	34.473	27.759	30.161	32.533	37.189	33.91	.068	1445.0	176
200	-1.424	-1.429	.619	34.491	27.775	30.178	32.550	37.208	32.26	.076	1445.3	202
225	-1.753	-1.758	.308	34.478	27.773	30.181	32.559	37.226	32.10	.084	1444.1	227
250	-1.768	-1.773	.312	34.477	27.773	30.181	32.559	37.227	31.94	.092	1444.5	252
275	-1.776	-1.782	.323	34.489	27.784	30.192	32.569	37.238	30.94	.100	1444.9	277
300	-1.797	-1.804	.321	34.491	27.785	30.194	32.572	37.241	30.50	.108	1445.2	302
325	-1.834	-1.841	.304	34.495	27.789	30.198	32.577	37.247	29.95	.115	1445.4	328
350	-1.839	-1.848	.317	34.507	27.799	30.208	32.587	37.257	28.88	.123	1445.8	353
375	-1.860	-1.869	.317	34.530	27.818	30.227	32.607	37.277	26.90	.130	1446.2	378
400	-1.870	-1.880	.328	34.554	27.838	30.247	32.627	37.297	24.89	.136	1446.6	403
425	-1.884	-1.894	.333	34.570	27.852	30.261	32.641	37.312	23.45	.142	1447.0	429
450	-1.915	-1.926	.323	34.596	27.874	30.283	32.663	37.335	21.21	.148	1447.3	454
475	-2.014	-2.026	.245	34.646	27.916	30.328	32.709	37.383	16.92	.152	1447.3	479
500	-1.949	-1.961	.337	34.765	28.011	30.421	32.801	37.472	7.96	.156	1448.2	504
529	-1.911	-1.924	.400	34.821	28.056	30.465	32.843	37.513	3.69	.157	1448.9	534



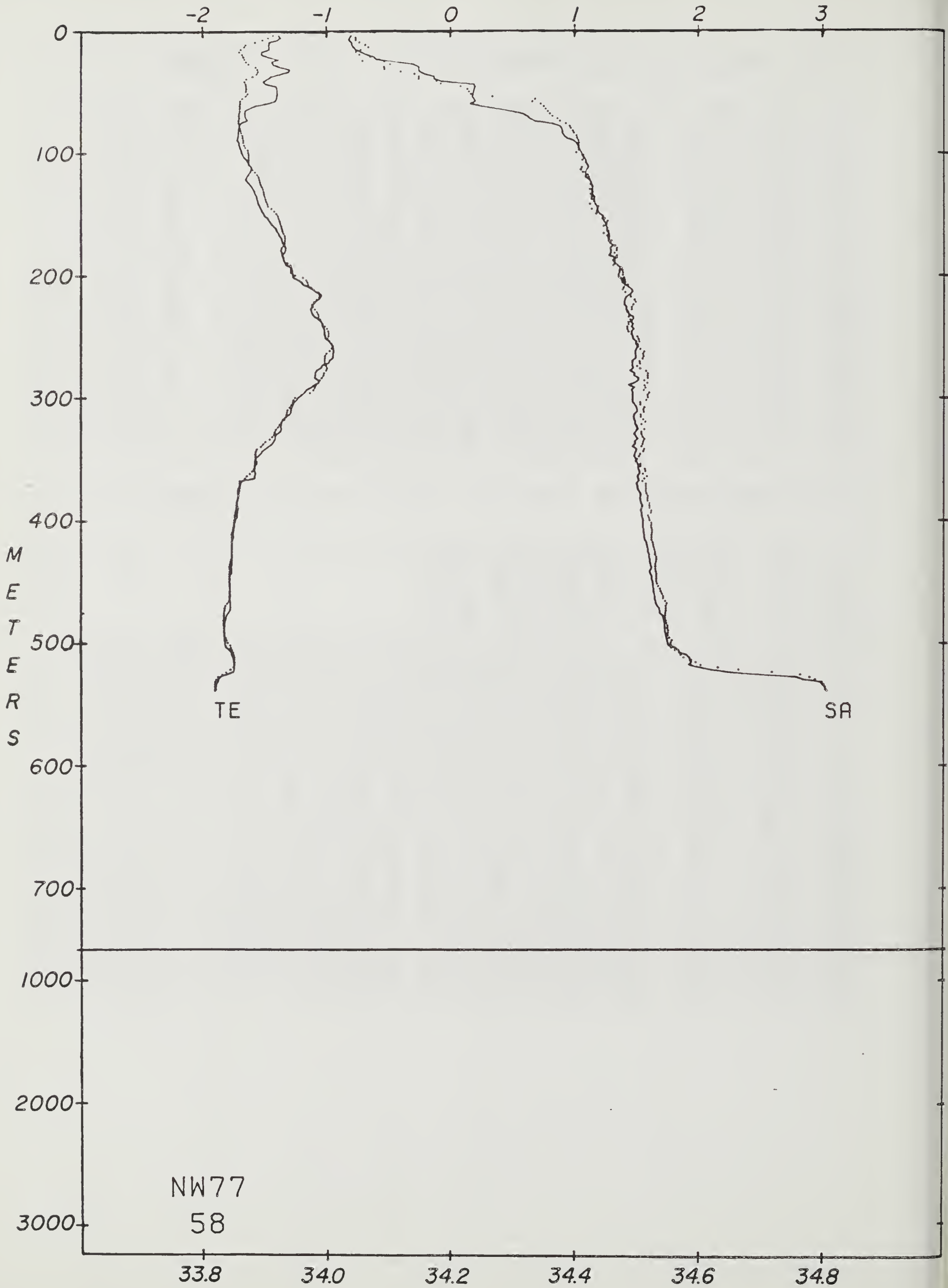
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	1.3S	174	43.7W	569	534	997.3	360	8	-0.3	2	0	7	621	29DEC76	NW	77 1 57

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.344	-1.344	.510	33.857	27.259	29.662	32.036	36.697	82.16	0.000	1441.5	0
10	-1.621	-1.621	.266	34.301	27.627	30.033	32.409	37.075	47.21	.006	1441.0	10
20	-1.759	-1.760	.139	34.370	27.687	30.095	32.473	37.142	41.49	.011	1440.6	20
30	-1.898	-1.899	.008	34.378	27.697	30.107	32.487	37.160	40.49	.015	1440.1	30
40	-1.756	-1.757	.159	34.389	27.702	30.110	32.488	37.156	39.94	.019	1440.9	40
50	-1.695	-1.697	.228	34.405	27.713	30.120	32.497	37.163	38.82	.023	1441.4	50
60	-1.692	-1.693	.239	34.409	27.716	30.123	32.500	37.167	38.45	.027	1441.6	60
70	-1.624	-1.626	.316	34.428	27.730	30.135	32.511	37.175	37.16	.031	1442.1	71
80	-1.521	-1.523	.427	34.437	27.734	30.138	32.512	37.173	36.75	.034	1442.8	81
90	-1.624	-1.626	.332	34.443	27.742	30.148	32.523	37.187	35.92	.038	1442.5	91
100	-1.370	-1.373	.594	34.451	27.741	30.143	32.515	37.171	36.01	.042	1443.8	101
125	-1.345	-1.348	.639	34.470	27.755	30.157	32.528	37.183	34.54	.050	1444.4	126
150	-1.183	-1.187	.821	34.480	27.758	30.156	32.526	37.176	34.25	.059	1445.6	151
175	-1.345	-1.349	.678	34.484	27.766	30.168	32.539	37.194	33.26	.067	1445.2	176
200	-1.281	-1.286	.761	34.488	27.768	30.169	32.539	37.192	33.02	.076	1446.0	202
225	-1.512	-1.518	.549	34.486	27.774	30.178	32.552	37.212	32.23	.084	1445.3	227
250	-1.599	-1.606	.481	34.494	27.782	30.187	32.563	37.225	31.24	.092	1445.3	252
275	-1.599	-1.605	.501	34.501	27.788	30.193	32.569	37.231	30.55	.099	1445.7	277
300	-1.698	-1.705	.421	34.502	27.792	30.199	32.575	37.241	29.99	.107	1445.7	302
325	-1.689	-1.697	.449	34.504	27.793	30.200	32.576	37.242	29.74	.115	1446.1	328
350	-1.787	-1.796	.370	34.510	27.800	30.208	32.586	37.255	28.83	.122	1446.1	353
375	-1.788	-1.797	.389	34.517	27.806	30.214	32.592	37.261	28.15	.129	1446.5	378
400	-1.803	-1.813	.393	34.530	27.817	30.226	32.604	37.273	26.95	.136	1446.9	403
425	-1.722	-1.733	.496	34.568	27.846	30.253	32.630	37.296	24.19	.142	1447.7	429
450	-1.904	-1.915	.338	34.662	27.927	30.336	32.716	37.386	16.23	.147	1447.4	454
475	-1.931	-1.943	.337	34.785	28.027	30.437	32.816	37.486	6.64	.150	1447.9	479
500	-1.912	-1.924	.377	34.819	28.054	30.463	32.842	37.512	4.00	.151	1448.4	504
530	-1.902	-1.916	.410	34.825	28.059	30.468	32.846	37.516	3.41	.153	1449.0	535

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	1.5S	174	45.2W	569	534	996.6	20	6	0.1	2	0	0	731	29DEC76	NW	77 2 57

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.45	-1.45	0.40	33.756	27.18	29.59						C7	2	57
22	-1.72	-1.72	0.18	34.364	27.68	30.09						C7	2	57
28	-1.79	-1.79	0.12	34.381	27.70	30.10						C7	2	57
158	-1.20	-1.20	0.81	34.503	27.78	30.18							2	57
440	-1.75	-1.76	0.48	34.625	27.89	30.30							2	57
530	-1.91	-1.92	0.40	34.825	28.06	30.47							2	57

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.445	-1.445	.404	33.758	27.181	29.587	31.963	36.628	89.48	0.000	1440.9	0
10	-1.485	-1.485	.389	34.078	27.442	29.847	32.222	36.885	64.71	.008	1441.3	10
20	-1.695	-1.695	.203	34.356	27.673	30.080	32.457	37.124	42.79	.013	1440.8	20
30	-1.808	-1.808	.099	34.384	27.699	30.108	32.487	37.157	40.26	.017	1440.5	30
40	-1.748	-1.748	.168	34.399	27.709	30.117	32.495	37.163	39.23	.021	1441.0	40
50	-1.706	-1.707	.218	34.409	27.717	30.124	32.501	37.168	38.48	.025	1441.4	50
60	-1.691	-1.692	.241	34.418	27.723	30.130	32.507	37.173	37.82	.029	1441.6	60
70	-1.675	-1.677	.264	34.417	27.723	30.129	32.506	37.171	37.83	.023	1441.9	71
80	-1.547	-1.549	.400	34.433	27.732	30.136	32.511	37.173	36.92	.036	1442.6	81
90	-1.602	-1.604	.353	34.442	27.741	30.146	32.521	37.185	36.01	.040	1442.6	91
100	-1.516	-1.518	.448	34.451	27.745	30.150	32.523	37.184	35.53	.044	1443.1	101
125	-1.378	-1.381	.606	34.471	27.757	30.159	32.531	37.187	34.33	.052	1444.2	126
150	-1.330	-1.334	.673	34.479	27.763	30.164	32.535	37.189	33.75	.061	1444.9	151
175	-1.322	-1.326	.701	34.493	27.774	30.174	32.545	37.200	32.61	.069	1445.4	176
200	-1.433	-1.439	.608	34.485	27.771	30.174	32.546	37.204	32.69	.077	1445.2	202
225	-1.551	-1.556	.511	34.493	27.780	30.185	32.559	37.221	31.58	.085	1445.1	227
250	-1.654	-1.660	.427	34.494	27.784	30.190	32.567	37.231	31.01	.093	1445.0	252
275	-1.701	-1.708	.398	34.496	27.787	30.194	32.571	37.237	30.57	.101	1445.2	277
300	-1.720	-1.727	.398	34.497	27.788	30.195	32.573	37.239	30.31	.109	1445.6	302
325	-1.709	-1.717	.428	34.498	27.789	30.196	32.573	37.239	30.13	.116	1446.0	328
350	-1.782	-1.791	.374	34.500	27.793	30.201	32.579	37.247	29.55	.124	1446.1	353
375	-1.797	-1.807	.379	34.519	27.809	30.217	32.595	37.264	27.90	.131	1446.5	378
400	-1.809	-1.819	.387	34.537	27.823	30.232	32.610	37.279	26.35	.137	1446.9	403
425	-1.751	-1.762	.467	34.575	27.853	30.260	32.638	37.304	23.52	.144	1447.6	429
450	-1.940	-1.951	.303	34.671	27.935	30.345	32.725	37.397	15.38	.149	1447.3	454
475	-1.922	-1.934	.346	34.794	28.034	30.443	32.822	37.493	5.99	.151	1447.9	479
500	-1.912	-1.925	.376	34.821	28.056	30.465	32.844	37.514	3.79	.152	1448.4	504
530	-1.909	-1.922	.403	34.826	28.060	30.469	32.847	37.517	3.31	.154	1449.0	535



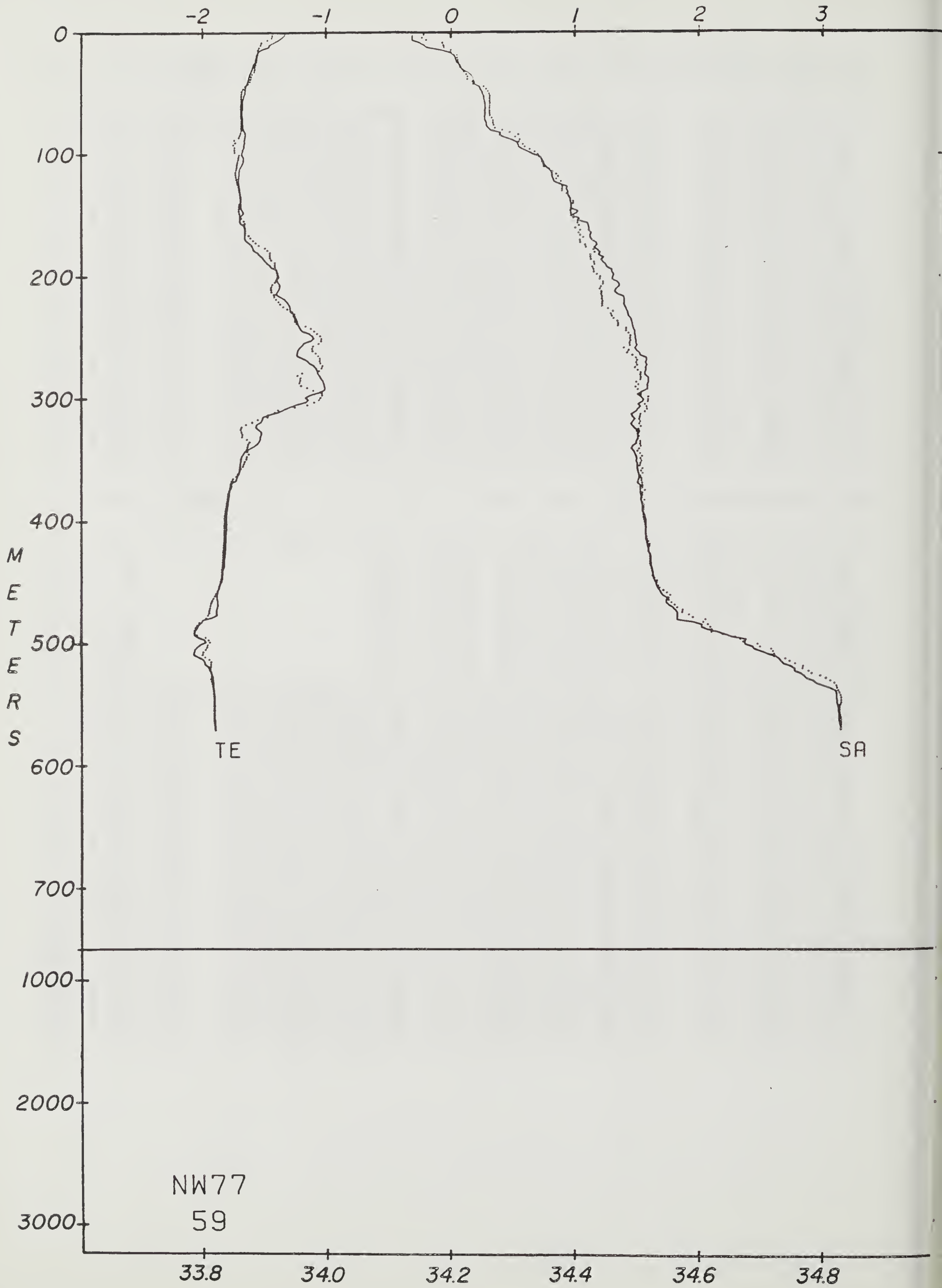
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 15.6S	174 30.8W	569	538	996.1	40	5	-0.6	2	275	4	911	29DEC76	NW	77	1	58

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.381	-1.381	.484	34.038	27.406	29.810	32.183	36.844	68.16	0.000	1441.5	0
10	-1.474	-1.474	.398	34.041	27.412	29.817	32.192	36.855	67.58	.007	1441.3	10
20	-1.472	-1.472	.410	34.078	27.442	29.847	32.222	36.884	64.67	.013	1441.5	20
30	-1.306	-1.306	.588	34.149	27.495	29.896	32.269	36.925	59.66	.020	1442.6	30
40	-1.507	-1.508	.397	34.194	27.537	29.941	32.316	36.979	55.60	.025	1441.8	40
50	-1.404	-1.405	.510	34.236	27.568	29.971	32.344	37.003	52.64	.031	1442.5	50
60	-1.568	-1.569	.354	34.251	27.584	29.990	32.366	37.030	50.96	.036	1442.0	60
70	-1.653	-1.655	.281	34.329	27.650	30.056	32.433	37.099	44.70	.041	1441.8	71
80	-1.714	-1.716	.231	34.381	27.694	30.101	32.479	37.146	40.48	.045	1441.8	81
90	-1.713	-1.715	.241	34.403	27.712	30.119	32.497	37.164	38.69	.049	1442.0	91
100	-1.679	-1.682	.282	34.413	27.719	30.126	32.502	37.168	37.98	.053	1442.3	101
125	-1.616	-1.619	.366	34.429	27.730	30.136	32.511	37.175	36.84	.062	1443.1	126
150	-1.498	-1.502	.503	34.443	27.738	30.142	32.516	37.176	35.96	.071	1444.0	151
175	-1.334	-1.339	.687	34.460	27.747	30.148	32.519	37.174	35.13	.080	1445.3	176
200	-1.264	-1.270	.777	34.474	27.756	30.156	32.526	37.179	34.19	.089	1446.0	202
225	-1.126	-1.133	.934	34.484	27.759	30.157	32.525	37.174	33.84	.097	1447.1	227
250	-1.006	-1.014	1.074	34.497	27.766	30.162	32.528	37.173	33.22	.106	1448.1	252
275	-1.066	-1.074	1.033	34.491	27.763	30.160	32.527	37.174	33.34	.114	1448.2	277
300	-1.246	-1.255	.872	34.494	27.772	30.172	32.541	37.194	32.28	.122	1447.8	302
325	-1.372	-1.381	.765	34.501	27.781	30.183	32.555	37.211	31.15	.130	1447.6	328
350	-1.583	-1.592	.574	34.501	27.788	30.193	32.568	37.230	30.20	.138	1447.0	353
375	-1.715	-1.725	.461	34.506	27.796	30.203	32.580	37.246	29.20	.145	1446.8	378
400	-1.741	-1.751	.454	34.512	27.801	30.208	32.585	37.253	28.56	.152	1447.1	403
425	-1.767	-1.778	.448	34.521	27.809	30.217	32.595	37.262	27.62	.159	1447.5	429
450	-1.782	-1.793	.452	34.527	27.814	30.223	32.600	37.269	26.93	.166	1447.8	454
475	-1.801	-1.813	.453	34.541	27.826	30.235	32.613	37.282	25.64	.173	1448.2	479
500	-1.818	-1.831	.455	34.555	27.837	30.246	32.625	37.294	24.44	.179	1448.5	504
537	-1.896	-1.910	.420	34.808	28.045	30.454	32.832	37.502	4.69	.185	1449.1	542

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 15.7S	174 31.0W	569	538	996.0	40	6	-1.0	2	675	0	1020	29DEC76	NW	77	2	58

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
32	-1.56	-1.56	0.33	34.121	27.48	29.89	8.49					C7	2	58
83	-1.69	-1.69	0.26	34.406	27.71	30.12	5.88					C7	2	58
193	-1.28	-1.29	0.76	34.477	27.76	30.16	5.71					C7	2	58
248	-0.98	-0.99	1.10	34.512	27.78	30.17	5.36					C7	2	58
289	-1.09	-1.10	1.02	34.514	27.78	30.18	5.49					C7	2	58
367	-1.68	-1.69	0.49	34.513	27.80	30.21	5.28					D2	2	58
507	-1.75	-1.76	0.53	34.571	27.85	30.26	5.48					D2C7	2	58
518	-1.77	-1.78	0.52	34.639	27.90	30.31	5.72					D2	2	58
527	-1.89	-1.90	0.42	34.786	28.03	30.44	5.34					D2C7	2	58
537	-1.89	-1.90	0.43	34.808	28.05	30.45	5.83					D2A1	2	58

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.388	-1.388	.477	34.039	27.407	29.811	32.185	36.845	68.07	0.000	1441.5	0
10	-1.648	-1.648	.225	34.062	27.434	29.841	32.219	36.887	65.52	.007	1440.5	10
20	-1.677	-1.677	.205	34.071	27.441	29.850	32.228	36.896	64.72	.013	1440.5	20
30	-1.564	-1.565	.327	34.100	27.462	29.868	32.245	36.910	62.71	.020	1441.3	30
40	-1.663	-1.664	.239	34.178	27.528	29.936	32.313	36.981	56.36	.026	1441.1	40
50	-1.649	-1.650	.265	34.236	27.575	29.982	32.359	37.025	51.89	.031	1441.4	50
60	-1.704	-1.705	.224	34.351	27.669	30.076	32.454	37.121	42.93	.036	1441.5	60
70	-1.712	-1.714	.225	34.373	27.688	30.095	32.473	37.140	41.10	.040	1441.6	71
80	-1.696	-1.698	.250	34.397	27.706	30.113	32.490	37.157	39.28	.044	1441.9	81
90	-1.674	-1.676	.280	34.407	27.714	30.121	32.498	37.163	38.47	.048	1442.2	91
100	-1.631	-1.633	.331	34.413	27.718	30.123	32.500	37.164	38.12	.052	1442.6	101
125	-1.528	-1.531	.454	34.427	27.726	30.131	32.505	37.166	37.20	.061	1443.5	126
150	-1.397	-1.401	.604	34.444	27.736	30.138	32.511	37.168	36.20	.070	1444.5	151
175	-1.357	-1.362	.664	34.467	27.753	30.155	32.526	37.182	34.49	.079	1445.2	176
200	-1.194	-1.199	.848	34.480	27.759	30.158	32.527	37.177	33.95	.088	1446.4	202
225	-1.105	-1.112	.956	34.492	27.765	30.163	32.530	37.178	33.31	.096	1447.2	227
250	-.990	-.997	1.091	34.503	27.770	30.166	32.532	37.176	32.83	.104	1448.2	252
275	-1.002	-1.010	1.098	34.512	27.777	30.173	32.539	37.184	32.07	.112	1448.5	277
300	-1.270	-1.278	.850	34.516	27.790	30.190	32.560	37.213	30.55	.120	1447.7	302
325	-1.419	-1.427	.720	34.513	27.792	30.195	32.567	37.224	30.07	.128	1447.4	328
350	-1.566	-1.575	.590	34.501	27.787	30.192	32.567	37.229	30.28	.135	1447.1	353
375	-1.707	-1.717	.469	34.517	27.804	30.211	32.588	37.254	28.40	.143	1446.9	378
400	-1.748	-1.758	.448	34.525	27.812	30.219	32.597	37.264	27.50	.150	1447.1	403
425	-1.768	-1.778	.448	34.532	27.818	30.226	32.603	37.271	26.79	.156	1447.5	429
450	-1.786	-1.797	.449	34.535	27.821	30.229	32.607	37.275	26.35	.163	1447.8	454
475	-1.831	-1.843	.423	34.548	27.832	30.241	32.620	37.290	25.06	.170	1448.0	479
500	-1.778	-1.790	.496	34.557	27.838	30.246	32.624	37.292	24.41	.176	1448.7	504
537	-1.902	-1.915	.415	34.808	28.045	30.454	32.833	37.502	4.67	.181	1449.1	542



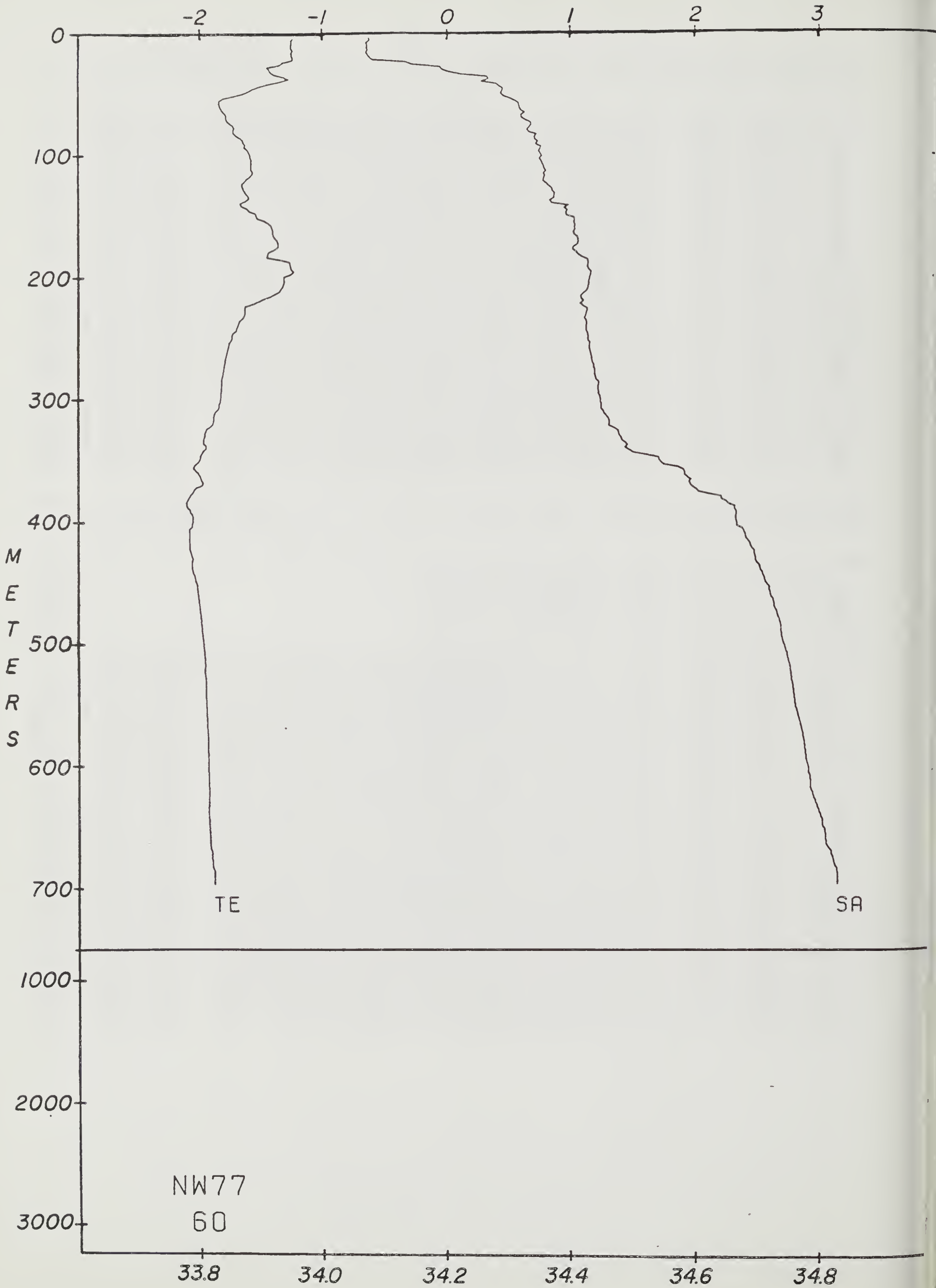
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 13.6S	176 26.5W	569	571	997.2	230	10	-4.1	0	275	6	1222	29DEC76	NW	77	1	59

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.320	-1.320	.551	34.142	27.489	29.891	32.263	36.920	60.36	0.000	1442.0	0
10	-1.457	-1.457	.422	34.156	27.503	29.909	32.284	36.945	58.78	.006	1441.5	10
20	-1.567	-1.567	.323	34.208	27.550	29.955	32.331	36.995	54.47	.012	1441.2	20
30	-1.602	-1.603	.295	34.220	27.561	29.967	32.343	37.008	53.38	.017	1441.3	30
40	-1.635	-1.636	.271	34.238	27.576	29.983	32.360	37.026	51.84	.022	1441.3	40
50	-1.660	-1.661	.255	34.252	27.588	29.995	32.372	37.039	50.66	.027	1441.4	50
60	-1.679	-1.680	.244	34.256	27.591	29.999	32.376	37.043	50.28	.032	1441.4	60
70	-1.677	-1.678	.253	34.255	27.591	29.998	32.376	37.043	50.28	.037	1441.6	71
80	-1.663	-1.665	.275	34.269	27.602	30.009	32.386	37.053	49.19	.042	1441.9	81
90	-1.663	-1.665	.285	34.307	27.632	30.039	32.416	37.083	46.23	.047	1442.1	91
100	-1.680	-1.682	.277	34.334	27.655	30.062	32.439	37.106	44.02	.052	1442.2	101
125	-1.704	-1.707	.274	34.381	27.694	30.101	32.479	37.145	40.20	.062	1442.6	126
150	-1.685	-1.689	.314	34.400	27.709	30.116	32.492	37.159	38.65	.072	1443.1	151
175	-1.597	-1.601	.423	34.434	27.734	30.140	32.515	37.178	36.17	.081	1444.0	176
200	-1.387	-1.392	.653	34.461	27.750	30.152	32.523	37.180	34.71	.090	1445.4	202
225	-1.292	-1.298	.769	34.483	27.764	30.165	32.535	37.189	33.29	.099	1446.3	227
250	-1.106	-1.114	.974	34.499	27.771	30.168	32.536	37.184	32.70	.107	1447.6	252
275	-1.078	-1.086	1.023	34.515	27.783	30.180	32.547	37.194	31.50	.115	1448.2	277
300	-1.158	-1.167	.961	34.510	27.782	30.180	32.548	37.198	31.42	.123	1448.2	302
325	-1.539	-1.548	.598	34.501	27.787	30.191	32.565	37.226	30.50	.131	1446.8	328
350	-1.693	-1.702	.463	34.500	27.790	30.197	32.573	37.239	29.90	.138	1446.5	353
375	-1.784	-1.793	.392	34.507	27.798	30.206	32.584	37.253	28.93	.146	1446.5	378
400	-1.807	-1.817	.388	34.516	27.806	30.214	32.593	37.262	28.01	.153	1446.8	403
425	-1.819	-1.830	.395	34.521	27.810	30.219	32.598	37.267	27.42	.160	1447.2	429
450	-1.857	-1.868	.377	34.532	27.820	30.229	32.608	37.279	26.33	.166	1447.5	454
475	-1.890	-1.901	.365	34.566	27.848	30.258	32.638	37.309	23.45	.173	1447.8	479
500	-2.019	-2.031	.261	34.676	27.941	30.353	32.734	37.408	14.41	.177	1447.7	504
550	-1.904	-1.918	.423	34.824	28.059	30.468	32.846	37.516	3.32	.192	1449.3	555
570	-1.896	-1.910	.447	34.830	28.063	30.472	32.850	37.519	2.84	.182	1449.7	575

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 13.9S	176 27.4W	569	571	997.4	260	16	-6.6	0	0	0	1325	29DEC76	NW	77	2	59

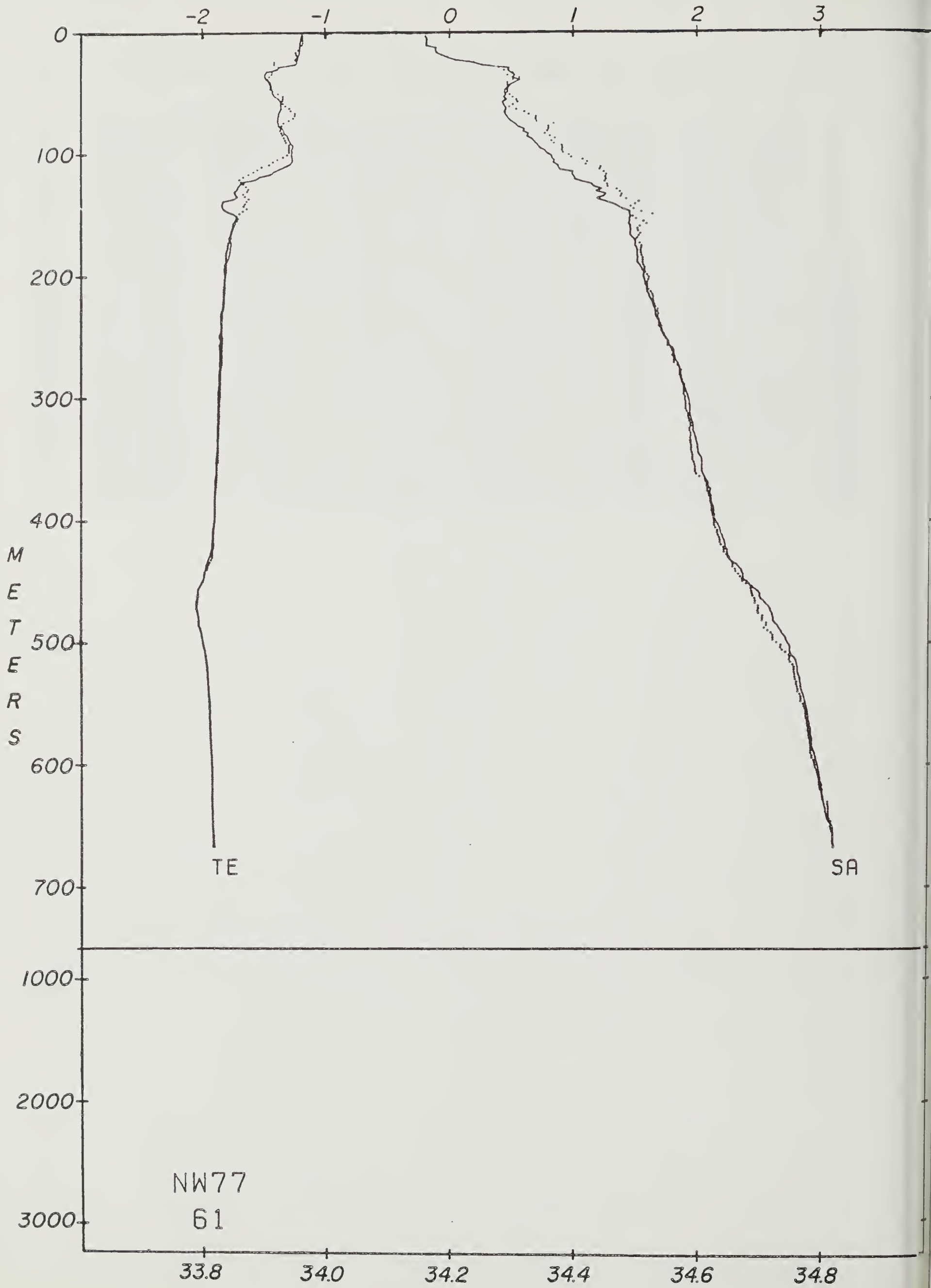
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.52	-1.52	0.35	34.158	27.51	29.91							2	59
24	-1.57	-1.57	0.32	34.210	27.55	29.96							2	59
99	-1.71	-1.71	0.25	34.338	27.66	30.07							2	59
294	-1.02	-1.03	1.09	34.510	27.78	30.17							2	59
493	-2.05	-2.06	0.22	34.612	27.89	30.30							2	59
570	-1.89	-1.90	0.45	34.830	28.06	30.47							2	59

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.415	-1.415	.456	34.156	27.503	29.907	32.280	36.940	59.02	0.000	1441.6	0
10	-1.532	-1.532	.349	34.189	27.533	29.938	32.314	36.977	56.09	.006	1441.2	10
20	-1.560	-1.561	.329	34.212	27.553	29.958	32.334	36.998	54.18	.011	1441.3	20
30	-1.579	-1.580	.318	34.219	27.559	29.965	32.341	37.006	53.51	.017	1441.4	30
40	-1.617	-1.618	.289	34.236	27.574	29.981	32.357	37.023	52.05	.022	1441.4	40
50	-1.685	-1.686	.230	34.263	27.597	30.005	32.382	37.050	49.79	.027	1441.3	50
60	-1.689	-1.690	.234	34.263	27.598	30.005	32.383	37.050	49.66	.032	1441.4	60
70	-1.685	-1.686	.246	34.267	27.601	30.008	32.386	37.053	49.36	.037	1441.6	71
80	-1.687	-1.689	.252	34.284	27.615	30.022	32.400	37.067	47.94	.042	1441.8	81
90	-1.739	-1.741	.209	34.312	27.638	30.047	32.425	37.093	45.65	.046	1441.7	91
100	-1.713	-1.716	.244	34.340	27.661	30.068	32.446	37.113	43.49	.051	1442.1	101
125	-1.712	-1.714	.267	34.377	27.691	30.098	32.476	37.143	40.46	.061	1442.5	126
150	-1.695	-1.699	.303	34.395	27.705	30.112	32.489	37.156	39.02	.071	1443.0	151
175	-1.518	-1.522	.501	34.418	27.719	30.123	32.497	37.158	37.66	.081	1444.3	176
200	-1.396	-1.401	.643	34.440	27.733	30.135	32.507	37.164	36.28	.090	1445.4	202
225	-1.328	-1.334	.731	34.450	27.738	30.140	32.511	37.166	35.69	.099	1446.1	227
250	-1.039	-1.047	1.041	34.490	27.761	30.158	32.525	37.171	33.62	.108	1447.9	252
275	-1.056	-1.064	1.044	34.502	27.772	30.168	32.535	37.181	32.56	.116	1448.3	277
300	-1.063	-1.072	1.057	34.519	27.786	30.183	32.550	37.196	31.12	.124	1448.7	302
325	-1.689	-1.697	.449	34.503	27.792	30.199	32.575	37.241	29.84	.132	1446.1	328
350	-1.659	-1.668	.498	34.507	27.794	30.201	32.577	37.241	29.51	.139	1446.7	353
375	-1.789	-1.798	.387	34.512	27.802	30.210	32.588	37.257	28.51	.146	1446.5	378
400	-1.824	-1.834	.371	34.514	27.805	30.213	32.592	37.262	28.08	.153	1446.8	403
425	-1.835	-1.845	.380	34.521	27.811	30.220	32.599	37.269	27.32	.160	1447.1	429
450	-1.861	-1.872	.374	34.533	27.821	30.231	32.610	37.281	26.18	.167	1447.4	454
475	-1.957	-1.969	.298	34.578	27.860	30.271	32.651	37.324	22.28	.173	1447.5	479
500	-1.955	-1.967	.327	34.692	27.953	30.363	32.743	37.415	13.43	.178	1448.1	504
550	-1.908	-1.922	.420	34.829	28.062	30.471	32.850	37.519	2.97	.182	1449.3	555
570	-1.896	-1.910	.447	34.830	28.063	30.472	32.850	37.519	2.84	.182	1449.7	575



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 78 10.4S 178 37.7W 569 696 999.0 260 17 -6.7 0 175 0 1550 29DEC76 NW 77 1 60

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.241	-1.241	.626	34.072	27.430	29.831	32.202	36.858	65.97	0.000	1442.3	0
10	-1.260	-1.260	.614	34.070	27.429	29.831	32.202	36.859	65.95	.007	1442.3	10
20	-1.262	-1.263	.620	34.087	27.443	29.845	32.216	36.872	64.59	.013	1442.5	20
30	-1.423	-1.424	.474	34.206	27.544	29.948	32.321	36.981	54.95	.019	1442.1	30
40	-1.464	-1.465	.444	34.277	27.603	30.007	32.381	37.041	49.35	.024	1442.2	40
50	-1.738	-1.739	.179	34.292	27.622	30.030	32.408	37.077	47.41	.029	1441.0	50
60	-1.833	-1.834	.093	34.319	27.647	30.056	32.436	37.107	45.01	.034	1440.8	60
70	-1.782	-1.784	.152	34.327	27.652	30.061	32.440	37.109	44.45	.038	1441.2	71
80	-1.726	-1.728	.216	34.336	27.658	30.066	32.444	37.112	43.85	.043	1441.7	81
90	-1.637	-1.639	.313	34.345	27.663	30.069	32.446	37.111	43.33	.047	1442.3	91
100	-1.592	-1.594	.367	34.354	27.669	30.075	32.450	37.114	42.74	.051	1442.7	101
125	-1.653	-1.656	.325	34.369	27.682	30.089	32.465	37.131	41.31	.062	1442.8	126
150	-1.525	-1.529	.474	34.403	27.706	30.111	32.485	37.146	38.97	.072	1443.9	151
175	-1.385	-1.390	.633	34.405	27.704	30.107	32.479	37.136	39.10	.082	1444.9	176
200	-1.319	-1.324	.720	34.431	27.723	30.124	32.495	37.150	37.22	.091	1445.7	202
225	-1.633	-1.639	.424	34.428	27.730	30.136	32.512	37.177	36.28	.100	1444.6	227
250	-1.748	-1.754	.329	34.430	27.735	30.143	32.520	37.188	35.62	.109	1444.5	252
275	-1.811	-1.817	.286	34.441	27.745	30.154	32.532	37.202	34.46	.118	1444.6	277
300	-1.839	-1.845	.277	34.450	27.753	30.162	32.542	37.212	33.51	.127	1444.9	302
325	-1.960	-1.967	.176	34.478	27.779	30.190	32.571	37.245	30.81	.135	1444.8	328
350	-2.032	-2.039	.128	34.549	27.838	30.250	32.631	37.307	25.04	.142	1445.0	353
375	-2.075	-2.083	.107	34.616	27.894	30.306	32.688	37.364	19.60	.147	1445.3	378
400	-2.069	-2.078	.135	34.668	27.936	30.348	32.730	37.405	15.49	.152	1445.8	403
425	-2.075	-2.085	.150	34.697	27.959	30.371	32.753	37.429	13.09	.155	1446.2	429
450	-2.030	-2.040	.215	34.718	27.975	30.386	32.767	37.441	11.54	.158	1446.9	454
475	-1.999	-2.011	.266	34.734	27.988	30.398	32.779	37.452	10.25	.161	1447.5	479
500	-1.974	-1.986	.310	34.745	27.996	30.406	32.787	37.459	9.34	.163	1448.0	504
550	-1.954	-1.968	.370	34.763	28.010	30.420	32.799	37.471	7.78	.168	1449.0	555
600	-1.940	-1.955	.423	34.783	28.026	30.436	32.815	37.486	6.01	.171	1449.9	605
650	-1.932	-1.949	.470	34.809	28.047	30.457	32.836	37.506	3.79	.174	1450.8	656
695	-1.894	-1.912	.544	34.830	28.063	30.472	32.850	37.519	2.17	.175	1451.8	701



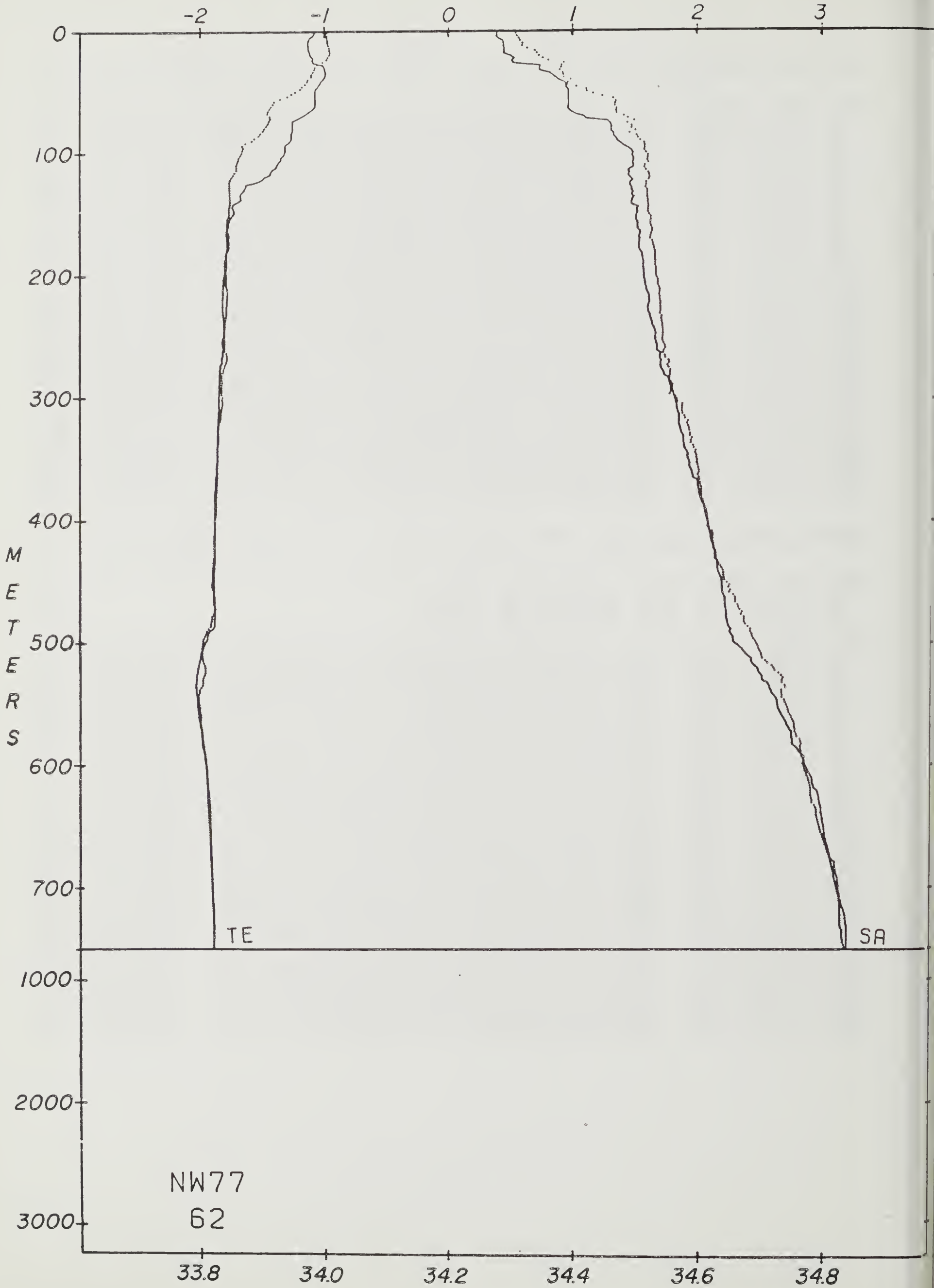
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 5.9S 179 38.3E 570 669 997.9 250 24 -2.8 0 0 0 1925 29DEC76 NW 77 1 61

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.204	-1.204	.668	34.161	27.500	29.901	32.271	36.924	59.26	0.000	1442.6	0
10	-1.214	-1.215	.665	34.165	27.504	29.905	32.275	36.929	58.84	.006	1442.7	10
20	-1.238	-1.238	.651	34.197	27.531	29.932	32.303	36.957	56.24	.012	1442.8	20
30	-1.411	-1.412	.490	34.296	27.616	30.019	32.393	37.051	48.11	.017	1442.3	30
40	-1.462	-1.463	.449	34.308	27.628	30.031	32.405	37.065	46.99	.022	1442.2	40
50	-1.431	-1.432	.486	34.289	27.612	30.015	32.388	37.048	48.44	.026	1442.5	50
60	-1.369	-1.371	.555	34.292	27.612	30.014	32.387	37.044	48.41	.031	1443.0	60
70	-1.392	-1.394	.540	34.297	27.617	30.019	32.392	37.050	47.91	.036	1443.0	71
80	-1.345	-1.347	.596	34.321	27.634	30.036	32.408	37.065	46.17	.041	1443.4	81
90	-1.284	-1.287	.666	34.343	27.650	30.051	32.422	37.076	44.64	.045	1443.9	91
100	-1.280	-1.282	.679	34.364	27.668	30.068	32.439	37.093	42.94	.050	1444.1	101
125	-1.711	-1.713	.271	34.433	27.736	30.143	32.520	37.187	36.22	.060	1442.6	126
150	-1.728	-1.732	.276	34.492	27.784	30.191	32.569	37.235	31.51	.068	1443.0	151
175	-1.773	-1.777	.251	34.500	27.792	30.200	32.578	37.246	30.62	.076	1443.2	176
200	-1.818	-1.823	.225	34.514	27.805	30.213	32.592	37.261	29.26	.083	1443.5	202
225	-1.830	-1.835	.233	34.531	27.819	30.228	32.606	37.276	27.75	.090	1443.8	227
250	-1.862	-1.868	.221	34.552	27.837	30.246	32.624	37.295	25.93	.097	1444.1	252
275	-1.862	-1.868	.242	34.573	27.853	30.262	32.641	37.312	24.19	.103	1444.6	277
300	-1.875	-1.882	.249	34.588	27.866	30.275	32.654	37.324	22.88	.109	1445.0	302
325	-1.880	-1.888	.263	34.595	27.872	30.281	32.660	37.331	22.18	.115	1445.4	328
350	-1.891	-1.899	.272	34.609	27.883	30.293	32.672	37.343	20.93	.120	1445.7	353
375	-1.901	-1.910	.282	34.622	27.895	30.304	32.683	37.354	19.70	.125	1446.1	378
400	-1.904	-1.913	.298	34.631	27.902	30.311	32.691	37.362	18.88	.130	1446.5	403
425	-1.935	-1.945	.287	34.650	27.918	30.328	32.707	37.379	17.20	.135	1446.8	429
450	-2.013	-2.023	.230	34.681	27.945	30.356	32.737	37.411	14.36	.139	1446.9	454
475	-2.046	-2.058	.218	34.721	27.978	30.389	32.771	37.445	11.11	.142	1447.2	479
500	-2.003	-2.015	.282	34.747	27.998	30.409	32.789	37.463	9.11	.144	1447.9	504
550	-1.944	-1.957	.381	34.776	28.020	30.430	32.809	37.481	6.84	.148	1449.1	555
600	-1.929	-1.944	.435	34.795	28.035	30.445	32.824	37.494	5.17	.151	1450.0	605
650	-1.922	-1.939	.481	34.819	28.054	30.464	32.843	37.513	3.13	.153	1450.9	656
667	-1.919	-1.937	.496	34.821	28.056	30.465	32.844	37.514	2.89	.154	1451.2	673

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 4.3S 179 37.3E 570 669 997.7 250 22 -2.8 0 0 0 2025 29DEC76 NW 77 2 61

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
19	-1.24	-1.24	0.65	34.198	27.53	29.93							2	61
45	-1.46	-1.46	0.45	34.293	27.62	30.02							2	61
90	-1.31	-1.31	0.64	34.394	27.69	30.09							2	61

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.184	-1.184	.688	34.163	27.501	29.901	32.271	36.924	59.17	0.000	1442.7	0
10	-1.203	-1.203	.676	34.163	27.503	29.903	32.273	36.927	59.00	.006	1442.7	10
20	-1.231	-1.231	.658	34.199	27.532	29.932	32.303	36.957	56.18	.012	1442.8	20
30	-1.411	-1.412	.491	34.294	27.615	30.017	32.391	37.049	48.29	.017	1442.3	30
40	-1.470	-1.471	.439	34.294	27.617	30.021	32.395	37.055	48.01	.022	1442.2	40
50	-1.390	-1.391	.527	34.298	27.618	30.020	32.393	37.051	47.91	.027	1442.7	50
60	-1.325	-1.327	.600	34.299	27.616	30.018	32.390	37.046	48.00	.031	1443.2	60
70	-1.270	-1.271	.665	34.341	27.649	30.049	32.420	37.074	44.88	.036	1443.7	71
80	-1.373	-1.375	.571	34.359	27.666	30.069	32.441	37.098	43.15	.040	1443.4	81
90	-1.322	-1.324	.630	34.371	27.674	30.076	32.447	37.102	42.35	.045	1443.8	91
100	-1.319	-1.322	.642	34.394	27.693	30.094	32.465	37.121	40.53	.049	1444.0	101
125	-1.662	-1.665	.321	34.456	27.754	30.160	32.536	37.201	34.59	.058	1442.9	126
150	-1.726	-1.729	.279	34.500	27.791	30.198	32.575	37.241	30.93	.066	1443.1	151
175	-1.802	-1.806	.222	34.511	27.802	30.210	32.588	37.257	29.71	.074	1443.1	176
200	-1.820	-1.825	.224	34.522	27.812	30.220	32.598	37.268	28.61	.081	1443.5	202
225	-1.839	-1.844	.225	34.535	27.822	30.231	32.610	37.280	27.44	.088	1443.8	227
250	-1.844	-1.850	.239	34.551	27.835	30.244	32.623	37.292	26.08	.095	1444.2	252
275	-1.854	-1.860	.250	34.574	27.854	30.263	32.642	37.312	24.15	.101	1444.6	277
300	-1.863	-1.870	.260	34.582	27.861	30.270	32.649	37.319	23.35	.107	1445.0	302
325	-1.875	-1.882	.268	34.589	27.867	30.276	32.655	37.325	22.64	.113	1445.4	328
350	-1.879	-1.887	.283	34.594	27.871	30.280	32.660	37.330	22.08	.118	1445.8	353
375	-1.896	-1.905	.286	34.618	27.891	30.300	32.680	37.350	20.07	.124	1446.1	378
400	-1.907	-1.916	.295	34.628	27.899	30.309	32.689	37.360	19.08	.129	1446.5	403
425	-1.920	-1.931	.301	34.645	27.913	30.323	32.703	37.374	17.63	.133	1446.9	429
450	-2.004	-2.015	.238	34.675	27.940	30.351	32.732	37.405	14.87	.137	1447.0	454
475	-2.049	-2.061	.213	34.700	27.961	30.372	32.754	37.429	12.69	.141	1447.2	479
500	-1.999	-2.011	.284	34.729	27.984	30.394	32.775	37.448	10.48	.144	1447.9	504
550	-1.948	-1.962	.376	34.771	28.017	30.427	32.806	37.477	7.17	.148	1449.0	555
600	-1.927	-1.943	.436	34.791	28.032	30.442	32.821	37.491	5.48	.151	1450.0	605
650	-1.920	-1.937	.482	34.816	28.052	30.462	32.840	37.511	3.33	.153	1450.9	656
667	-1.911	-1.929	.504	34.821	28.056	30.465	32.844	37.514	2.92	.154	1451.2	673



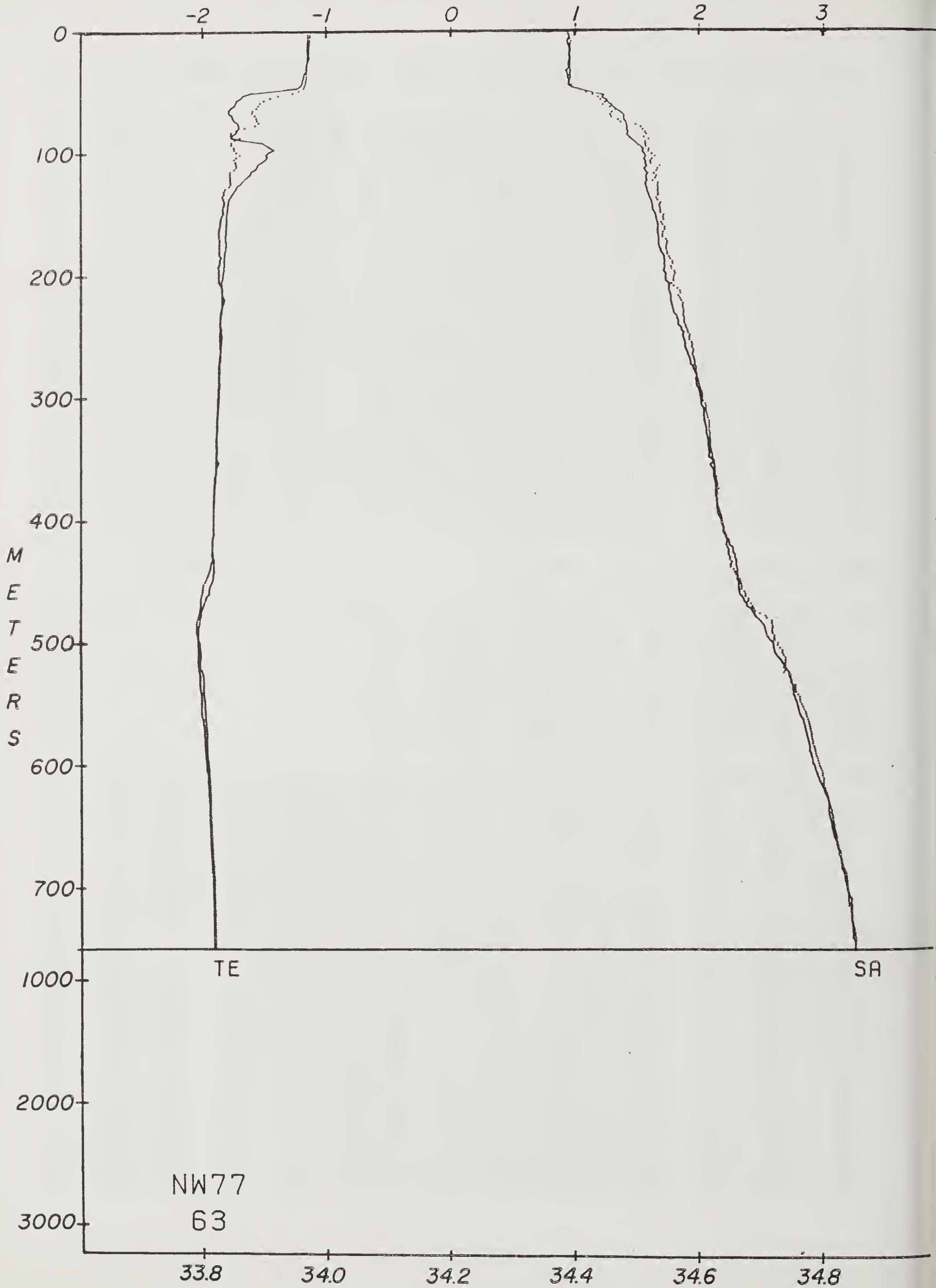
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 43.8S 177 48.7E 570 753 1006.6 230 12 -2.8 0 450 6 2252 29DEC76 NW 77 1 62

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.109	-1.109	.770	34.280	27.593	29.992	32.360	37.010	50.45	0.000	1443.2	0
10	-1.140	-1.140	.746	34.290	27.603	30.001	32.370	37.021	49.53	.005	1443.2	10
20	-1.116	-1.116	.779	34.300	27.610	30.008	32.377	37.026	48.81	.010	1443.5	20
30	-1.001	-1.002	.904	34.349	27.645	30.042	32.408	37.054	45.40	.015	1444.3	30
40	-1.018	-1.019	.896	34.382	27.673	30.069	32.436	37.082	42.79	.019	1444.4	40
50	-1.081	-1.082	.842	34.395	27.685	30.083	32.450	37.098	41.53	.023	1444.3	50
60	-1.077	-1.079	.853	34.394	27.685	30.082	32.450	37.098	41.51	.027	1444.5	60
70	-1.185	-1.187	.754	34.418	27.708	30.107	32.476	37.127	39.27	.031	1444.2	71
80	-1.263	-1.265	.687	34.463	27.747	30.147	32.517	37.170	35.56	.035	1444.0	81
90	-1.281	-1.284	.676	34.474	27.757	30.157	32.527	37.180	34.59	.039	1444.1	91
100	-1.325	-1.328	.641	34.498	27.777	30.178	32.549	37.204	32.57	.042	1444.1	101
125	-1.592	-1.595	.393	34.493	27.782	30.187	32.562	37.224	31.95	.050	1443.3	126
130	-1.739	-1.742	.266	34.503	27.794	30.201	32.578	37.245	30.61	.058	1443.0	151
175	-1.773	-1.777	.251	34.507	27.798	30.206	32.584	37.252	30.04	.066	1443.3	176
200	-1.796	-1.801	.248	34.516	27.805	30.213	32.592	37.260	29.21	.073	1443.6	202
225	-1.792	-1.797	.271	34.522	27.811	30.219	32.597	37.265	28.57	.080	1444.0	227
250	-1.814	-1.820	.268	34.534	27.821	30.229	32.607	37.277	27.47	.087	1444.3	252
275	-1.843	-1.849	.259	34.542	27.828	30.237	32.616	37.286	26.60	.094	1444.6	277
300	-1.853	-1.860	.270	34.564	27.846	30.255	32.634	37.304	24.72	.100	1445.0	302
325	-1.859	-1.867	.283	34.573	27.854	30.263	32.642	37.312	23.87	.106	1445.4	328
350	-1.863	-1.873	.297	34.586	27.864	30.273	32.652	37.322	22.75	.112	1445.8	353
375	-1.862	-1.891	.300	34.603	27.879	30.288	32.667	37.338	21.22	.118	1446.2	378
400	-1.886	-1.896	.315	34.617	27.890	30.299	32.678	37.349	20.02	.123	1446.6	403
425	-1.888	-1.898	.333	34.628	27.899	30.308	32.688	37.358	19.00	.128	1447.0	429
450	-1.893	-1.904	.348	34.639	27.908	30.318	32.697	37.368	18.00	.132	1447.4	454
475	-1.886	-1.898	.374	34.647	27.914	30.323	32.702	37.373	17.32	.137	1447.9	479
500	-1.958	-1.970	.322	34.658	27.925	30.335	32.716	37.388	16.02	.141	1448.0	504
550	-2.028	-2.041	.294	34.728	27.983	30.394	32.775	37.450	10.18	.148	1448.6	555
600	-1.958	-1.973	.404	34.772	28.017	30.427	32.807	37.479	6.79	.152	1449.8	605
650	-1.925	-1.942	.477	34.801	28.040	30.450	32.829	37.499	4.42	.155	1450.9	656
700	-1.907	-1.926	.534	34.826	28.060	30.469	32.848	37.518	2.38	.156	1451.8	706
750	-1.899	-1.919	.581	34.839	28.070	30.479	32.858	37.527	1.16	.157	1452.7	757
751	-1.899	-1.919	.582	34.839	28.070	30.479	32.858	37.527	1.16	.157	1452.7	758

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 43.3S 177 48.7E 570 753 1001.2 230 14 -2.9 0 0 0 10 30DEC76 NW 77 2 62

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.98	-0.98	0.90	34.313	27.62	30.01	9.06					C7	2	62
8	-0.98	-0.98	0.91	34.312	27.61	30.01	9.20						2	62
18	-0.97	-0.97	0.92	34.321	27.62	30.02	9.17					C7	2	62
49	-1.17	-1.17	0.75	34.422	27.71	30.11	8.24						2	62
191	-1.81	-1.81	0.23	34.535	27.82	30.23	6.61					C7	2	62
539	-2.03	-2.04	0.28	34.739	27.99	30.40		73			0.43	C1	2	62
548	-2.02	-2.03	0.30	34.738	27.99	30.40	6.48	73				C7	2	62
557	-2.00	-2.01	0.33	34.748	28.00	30.41	6.64				0.34		2	62
572	-2.03	-2.04	0.31	34.756	28.01	30.42	6.61						2	62
581	-1.99	-2.00	0.36	34.764	28.01	30.42	6.64					C7	2	62
746	-1.90	-1.92	0.58	34.833	28.07	30.47	6.53						2	62

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.969	-1.969	.911	34.311	27.613	30.010	32.375	37.021	48.55	0.000	1443.9	0
10	-1.977	-1.978	.911	34.320	27.621	30.017	32.383	37.029	47.79	.005	1444.0	10
20	-1.964	-1.964	.934	34.348	27.643	30.039	32.405	37.050	45.63	.009	1444.3	20
30	-1.079	-1.080	.828	34.384	27.676	30.074	32.441	37.089	42.46	.014	1443.9	30
40	-1.133	-1.134	.782	34.395	27.687	30.085	32.454	37.103	41.38	.018	1443.9	40
50	-1.239	-1.240	.665	34.427	27.717	30.117	32.487	37.139	38.50	.022	1443.6	50
60	-1.423	-1.425	.512	34.469	27.757	30.160	32.532	37.189	34.64	.026	1443.0	60
70	-1.446	-1.447	.497	34.481	27.768	30.170	32.543	37.202	33.59	.029	1443.0	71
80	-1.490	-1.492	.461	34.496	27.781	30.184	32.558	37.217	32.29	.032	1443.0	81
90	-1.596	-1.599	.363	34.512	27.797	30.202	32.577	37.239	30.71	.036	1442.7	91
100	-1.672	-1.674	.296	34.520	27.805	30.211	32.588	37.252	29.84	.039	1442.5	101
125	-1.770	-1.772	.217	34.519	27.808	30.215	32.593	37.261	29.45	.046	1442.5	126
150	-1.773	-1.777	.233	34.525	27.812	30.220	32.598	37.265	28.86	.053	1442.9	151
175	-1.785	-1.789	.240	34.531	27.818	30.226	32.603	37.271	28.21	.060	1443.2	176
200	-1.808	-1.812	.237	34.536	27.822	30.231	32.609	37.277	27.62	.067	1443.5	202
225	-1.822	-1.828	.242	34.543	27.828	30.236	32.615	37.284	26.92	.074	1443.9	227
250	-1.807	-1.812	.277	34.546	27.831	30.239	32.617	37.286	26.53	.081	1444.4	252
275	-1.805	-1.812	.297	34.555	27.837	30.246	32.624	37.292	25.74	.087	1444.8	277
300	-1.822	-1.829	.300	34.565	27.846	30.254	32.633	37.302	24.80	.094	1445.2	302
325	-1.857	-1.865	.285	34.587	27.865	30.274	32.653	37.323	22.81	.100	1445.5	328
350	-1.862	-1.870	.300	34.600	27.875	30.285	32.663	37.333	21.69	.105	1445.9	353
375	-1.870	-1.879	.312	34.608	27.882	30.291	32.670	37.340	20.93	.111	1446.3	378
400	-1.883	-1.893	.318	34.618	27.890	30.300	32.679	37.349	19.97	.116	1446.6	403
425	-1.889	-1.899	.332	34.628	27.899	30.308	32.687	37.358	19.02	.121	1447.0	429
450	-1.904	-1.915	.337	34.645	27.913	30.323	32.702	37.373	17.50	.125	1447.4	454
475	-1.889	-1.901	.372	34.671	27.934	30.343	32.722	37.393	15.46	.129	1447.9	479
500	-1.985	-1.997	.297	34.693	27.954	30.365	32.745	37.418	13.24	.133	1447.9	504
550	-2.019	-2.033	.303	34.741	27.993	30.404	32.785	37.459	9.23	.138	1448.7	555
600	-1.957	-1.972	.405	34.770	28.016	30.426	32.806	37.477	6.93	.143	1449.8	605
650	-1.931	-1.948	.471	34.794	28.035	30.444	32.824	37.494	4.93	.146	1450.8	656
700	-1.908	-1.927	.533	34.823	28.057	30.467	32.845	37.515	2.60	.147	1451.8	706
750	-1.899	-1.920	.581	34.836	28.068	30.477	32.856	37.525	1.37	.148	1452.7	757
751	-1.900	-1.920	.581	34.837	28.068	30.478	32.856	37.526	1.30	.148	1452.7	758



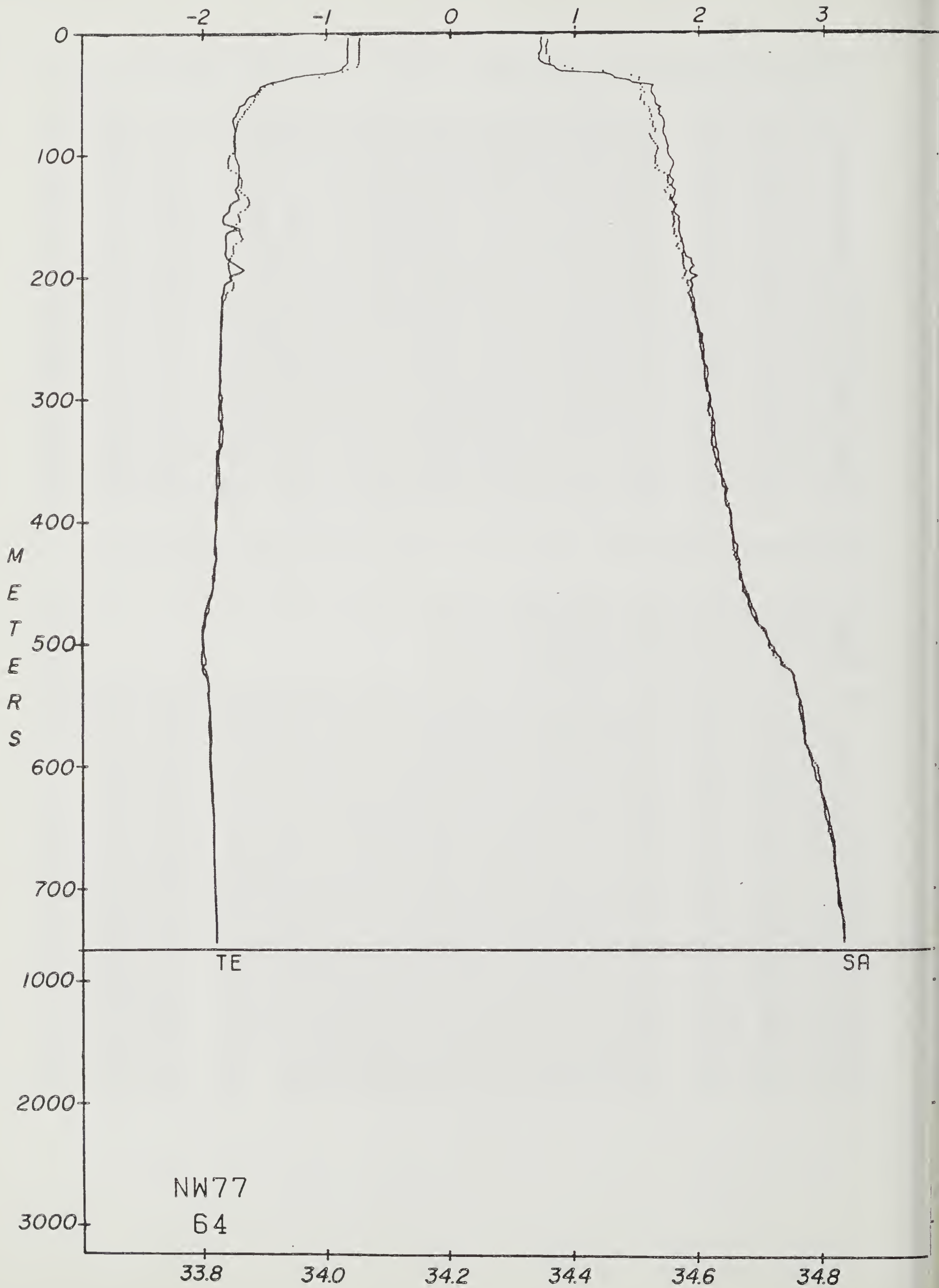
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 38.5S 178 4.8E 570 755 1002.4 200 7 -4.3 0 0 6 351 30DEC76 NW 77 1 63

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.129	-1.129	.756	34.393	27.686	30.084	32.452	37.101	41.72	0.000	1443.2	0
10	-1.137	-1.137	.755	34.389	27.683	30.081	32.450	37.099	41.93	.004	1443.4	10
20	-1.137	-1.138	.762	34.391	27.685	30.083	32.451	37.101	41.72	.008	1443.5	20
30	-1.160	-1.161	.747	34.389	27.683	30.082	32.451	37.101	41.79	.013	1443.6	30
40	-1.195	-1.196	.720	34.390	27.686	30.085	32.454	37.106	41.52	.017	1443.6	40
50	-1.585	-1.586	.340	34.428	27.729	30.134	32.509	37.172	37.37	.021	1442.0	50
60	-1.742	-1.744	.192	34.460	27.759	30.166	32.543	37.211	34.46	.024	1441.4	60
70	-1.752	-1.753	.191	34.478	27.773	30.181	32.558	37.226	33.00	.028	1441.6	71
80	-1.715	-1.716	.236	34.484	27.777	30.185	32.561	37.228	32.57	.031	1441.9	81
90	-1.522	-1.524	.437	34.497	27.783	30.187	32.561	37.221	32.04	.034	1443.0	91
100	-1.482	-1.484	.486	34.512	27.794	30.197	32.570	37.229	30.95	.037	1443.4	101
125	-1.705	-1.708	.281	34.514	27.802	30.209	32.585	37.251	30.02	.045	1442.8	126
150	-1.802	-1.805	.204	34.531	27.818	30.226	32.604	37.273	28.31	.052	1442.7	151
175	-1.807	-1.811	.219	34.536	27.822	30.231	32.609	37.277	27.76	.059	1443.1	176
200	-1.834	-1.838	.212	34.547	27.831	30.240	32.619	37.288	26.73	.066	1443.4	202
225	-1.839	-1.844	.226	34.558	27.841	30.250	32.628	37.298	25.68	.073	1443.8	227
250	-1.838	-1.844	.247	34.576	27.855	30.264	32.642	37.312	24.19	.079	1444.3	252
275	-1.868	-1.874	.237	34.592	27.869	30.278	32.657	37.327	22.71	.085	1444.6	277
300	-1.874	-1.881	.250	34.604	27.879	30.288	32.667	37.337	21.63	.090	1445.0	302
325	-1.878	-1.885	.266	34.613	27.886	30.295	32.675	37.345	20.81	.095	1445.4	328
350	-1.879	-1.887	.285	34.622	27.894	30.303	32.682	37.352	19.94	.101	1445.8	353
375	-1.901	-1.909	.282	34.628	27.899	30.308	32.688	37.359	19.30	.105	1446.1	378
400	-1.911	-1.921	.291	34.637	27.907	30.317	32.696	37.367	18.37	.110	1446.5	403
425	-1.923	-1.933	.300	34.656	27.922	30.332	32.712	37.383	16.78	.115	1446.9	429
450	-1.924	-1.935	.318	34.664	27.929	30.339	32.718	37.390	16.02	.119	1447.3	454
475	-2.014	-2.025	.249	34.688	27.950	30.362	32.743	37.417	13.71	.122	1447.4	479
500	-2.041	-2.052	.242	34.719	27.976	30.388	32.769	37.444	11.09	.126	1447.7	504
550	-2.010	-2.023	.314	34.759	28.008	30.419	32.799	37.472	7.91	.130	1448.7	555
600	-1.966	-1.981	.397	34.786	28.029	30.439	32.819	37.491	5.67	.134	1449.8	605
650	-1.939	-1.956	.463	34.815	28.052	30.461	32.841	37.512	3.33	.136	1450.8	656
700	-1.914	-1.933	.528	34.840	28.071	30.480	32.859	37.529	1.30	.137	1451.8	706
750	-1.905	-1.925	.576	34.853	28.082	30.491	32.869	37.539	.08	.137	1452.7	756

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 38.4S 178 4.5E 570 755 1003.7 210 8 -3.6 0 0 0 446 30DEC76 NW 77 2 63

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.14	-1.14	0.75	34.389	27.68	30.08							2	63
38	-1.20	-1.20	0.71	34.393	27.69	30.09							2	63
365	-1.88	-1.89	0.30	34.628	27.90	30.31							2	63
482	-2.18	-2.19	0.09	34.698	27.96	30.38						D7	2	63
593	-1.98	-1.99	0.37	34.783	28.03	30.44							2	63
750	-1.89	-1.91	0.59	34.853	28.08	30.49						C1	2	63

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.137	-1.137	.748	34.391	27.684	30.082	32.451	37.100	41.85	0.000	1443.2	0
10	-1.152	-1.152	.741	34.393	27.687	30.085	32.454	37.104	41.57	.004	1443.3	10
20	-1.151	-1.152	.749	34.392	27.686	30.084	32.453	37.103	41.62	.008	1443.5	20
30	-1.160	-1.161	.747	34.393	27.687	30.085	32.454	37.104	41.47	.012	1443.6	30
40	-1.163	-1.164	.752	34.392	27.686	30.085	32.454	37.104	41.49	.017	1443.7	40
50	-1.286	-1.287	.639	34.418	27.712	30.112	32.483	37.137	39.01	.021	1443.4	50
60	-1.547	-1.549	.386	34.449	27.745	30.149	32.524	37.185	35.81	.024	1442.3	60
70	-1.563	-1.564	.379	34.461	27.755	30.160	32.534	37.196	34.78	.028	1442.4	71
80	-1.724	-1.726	.228	34.510	27.799	30.206	32.583	37.249	30.54	.031	1441.9	81
90	-1.761	-1.763	.199	34.516	27.805	30.212	32.590	37.257	29.92	.034	1441.9	91
100	-1.705	-1.707	.263	34.524	27.810	30.216	32.593	37.259	29.41	.037	1442.4	101
125	-1.775	-1.778	.213	34.534	27.820	30.227	32.605	37.273	28.29	.044	1442.5	126
150	-1.841	-1.844	.166	34.542	27.828	30.236	32.615	37.285	27.39	.051	1442.6	151
175	-1.861	-1.865	.165	34.548	27.833	30.242	32.621	37.292	26.69	.058	1442.9	176
200	-1.866	-1.870	.181	34.561	27.844	30.253	32.632	37.302	25.54	.065	1443.3	202
225	-1.838	-1.843	.228	34.575	27.855	30.263	32.642	37.311	24.39	.071	1443.9	227
250	-1.857	-1.863	.229	34.586	27.864	30.273	32.652	37.322	23.35	.077	1444.2	252
275	-1.857	-1.864	.248	34.597	27.873	30.282	32.660	37.330	22.39	.083	1444.6	277
300	-1.865	-1.872	.260	34.607	27.881	30.290	32.669	37.339	21.45	.088	1445.0	302
325	-1.881	-1.889	.263	34.618	27.890	30.299	32.679	37.349	20.41	.093	1445.4	328
350	-1.888	-1.896	.276	34.625	27.896	30.306	32.685	37.356	19.69	.098	1445.8	353
375	-1.905	-1.914	.278	34.631	27.901	30.311	32.690	37.362	19.06	.103	1446.1	378
400	-1.909	-1.919	.293	34.637	27.907	30.316	32.696	37.367	18.41	.108	1446.5	403
425	-1.916	-1.927	.306	34.649	27.916	30.326	32.705	37.377	17.35	.112	1446.9	429
450	-1.983	-1.994	.259	34.668	27.934	30.344	32.725	37.398	15.49	.116	1447.1	454
475	-2.027	-2.038	.236	34.694	27.956	30.367	32.748	37.423	13.18	.120	1447.3	479
500	-2.026	-2.038	.258	34.727	27.982	30.394	32.774	37.449	10.55	.123	1447.8	504
550	-1.979	-1.992	.345	34.766	28.013	30.423	32.803	37.476	7.48	.127	1448.9	555
600	-1.951	-1.966	.412	34.795	28.036	30.446	32.825	37.497	5.07	.131	1449.9	605
650	-1.930	-1.947	.473	34.819	28.055	30.464	32.843	37.514	3.07	.133	1450.9	656
700	-1.905	-1.924	.537	34.840	28.071	30.480	32.859	37.529	1.32	.134	1451.8	706
750	-1.896	-1.916	.585	34.853	28.081	30.490	32.869	37.538	.12	.134	1452.7	757



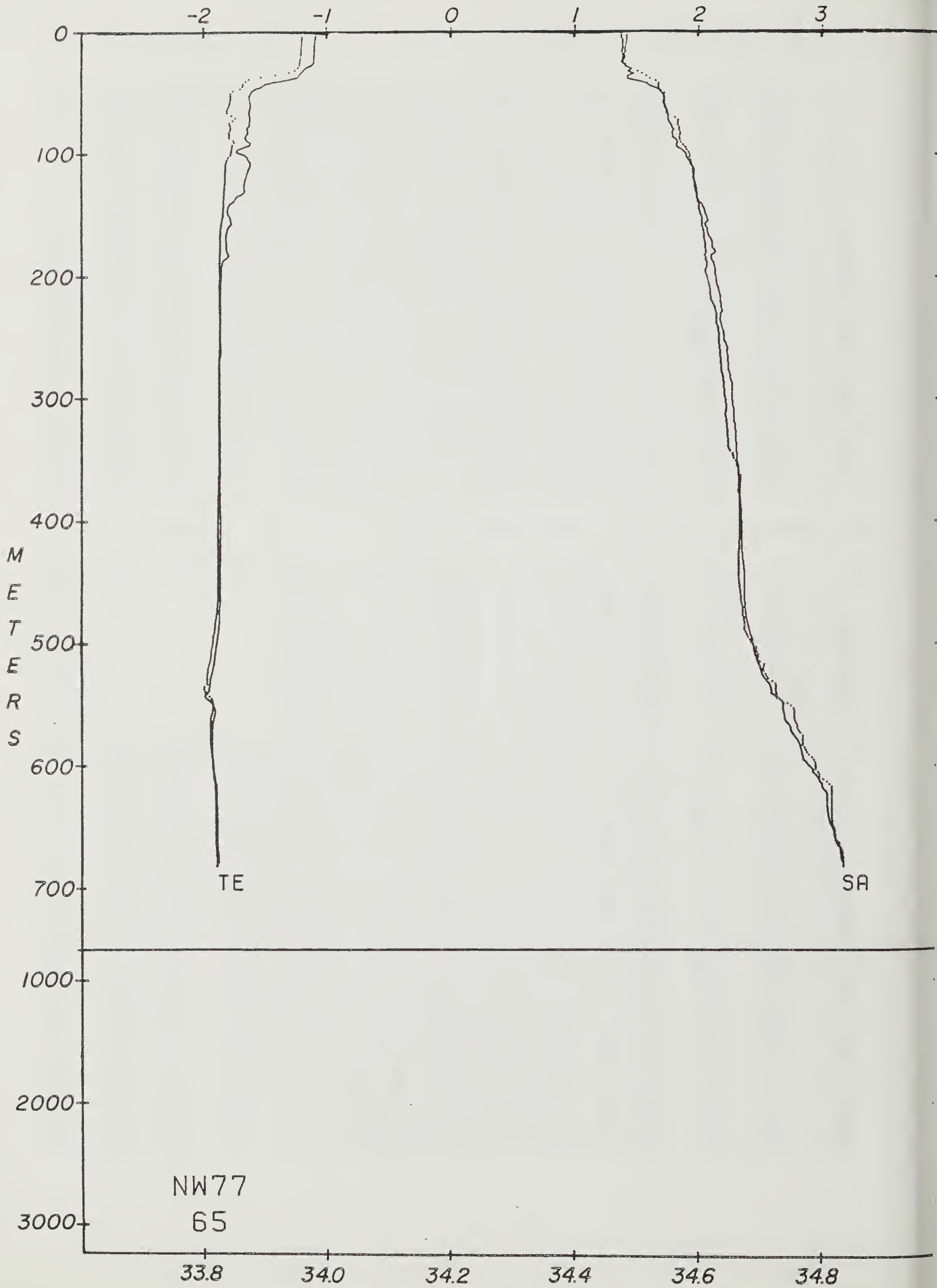
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 26.55 178 40.0E 570 753 1004.0 220 18 -3.3 0 0 6 552 30DEC76 NW 77 1 64

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.814	-1.814	1.069	34.351	27.640	30.033	32.397	37.037	46.05	0.000	1444.6	0
10	-1.822	-1.822	1.068	34.349	27.639	30.033	32.396	37.037	46.07	.005	1444.8	10
20	-1.822	-1.822	1.075	34.345	27.636	30.030	32.393	37.034	46.35	.009	1444.9	20
30	-1.954	-1.954	.954	34.391	27.678	30.073	32.439	37.083	42.24	.014	1444.5	30
40	-1.483	-1.484	.439	34.502	27.785	30.188	32.562	37.221	32.08	.017	1442.4	40
50	-1.610	-1.611	.321	34.529	27.811	30.216	32.592	37.254	29.54	.020	1442.0	50
60	-1.704	-1.706	.234	34.541	27.824	30.230	32.606	37.272	28.32	.023	1441.7	60
70	-1.749	-1.750	.198	34.547	27.830	30.237	32.614	37.281	27.68	.026	1441.7	71
80	-1.731	-1.732	.224	34.546	27.828	30.235	32.612	37.278	27.79	.029	1441.9	81
90	-1.726	-1.728	.237	34.553	27.834	30.241	32.617	37.283	27.19	.032	1442.1	91
100	-1.725	-1.727	.245	34.557	27.837	30.244	32.620	37.287	26.85	.034	1442.3	101
125	-1.722	-1.725	.267	34.560	27.840	30.246	32.623	37.289	26.42	.041	1442.7	126
150	-1.829	-1.833	.179	34.570	27.850	30.259	32.637	37.307	25.24	.047	1442.7	151
175	-1.807	-1.810	.222	34.579	27.857	30.265	32.643	37.311	24.50	.054	1443.2	176
200	-1.761	-1.765	.287	34.591	27.866	30.273	32.650	37.317	23.53	.060	1443.8	202
225	-1.844	-1.849	.223	34.596	27.872	30.280	32.659	37.328	22.79	.066	1443.9	227
250	-1.846	-1.851	.241	34.608	27.881	30.290	32.668	37.338	21.73	.071	1444.3	252
275	-1.855	-1.861	.252	34.617	27.889	30.298	32.676	37.346	20.87	.076	1444.7	277
300	-1.860	-1.867	.266	34.621	27.892	30.301	32.680	37.349	20.39	.082	1445.1	302
325	-1.832	-1.840	.313	34.628	27.897	30.306	32.684	37.353	19.82	.087	1445.6	328
350	-1.885	-1.893	.280	34.636	27.905	30.314	32.693	37.364	18.88	.091	1445.8	353
375	-1.882	-1.891	.302	34.644	27.912	30.321	32.700	37.370	18.08	.096	1446.3	378
400	-1.888	-1.898	.315	34.655	27.921	30.330	32.709	37.380	17.09	.100	1446.7	403
425	-1.889	-1.899	.334	34.664	27.928	30.337	32.716	37.387	16.30	.105	1447.1	429
450	-1.918	-1.929	.324	34.673	27.936	30.345	32.725	37.396	15.37	.109	1447.4	454
475	-1.977	-1.989	.285	34.688	27.950	30.360	32.741	37.414	13.83	.112	1447.5	479
500	-1.994	-2.006	.289	34.718	27.975	30.385	32.766	37.439	11.31	.115	1447.9	504
550	-1.946	-1.960	.378	34.768	28.014	30.423	32.803	37.474	7.46	.120	1449.0	555
600	-1.932	-1.947	.431	34.786	28.028	30.437	32.817	37.488	5.87	.123	1450.0	605
650	-1.913	-1.930	.490	34.815	28.051	30.460	32.839	37.509	3.44	.126	1450.9	656
700	-1.906	-1.925	.535	34.826	28.060	30.469	32.848	37.517	2.39	.127	1451.8	706
742	-1.895	-1.915	.579	34.836	28.068	30.477	32.855	37.524	1.45	.128	1452.6	749

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 26.55 178 42.0E 570 753 1004.4 230 10 -3.3 0 0 0 704 30DEC76 NW 77 2 64

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.72	-0.72	1.16	34.359	27.64	30.03	8.90	61	1.36			C7	2	64
49	-1.57	-1.57	0.36	34.510	27.79	30.20						C1	2	64
74	-1.72	-1.72	0.23	34.529	27.81	30.22	6.65	67	2.23			C7	2	64
171	-1.80	-1.80	0.22	34.573	27.85	30.26	6.63	68	2.17				2	64
240	-1.85	-1.86	0.23	34.602	27.88	30.29	6.71	66	2.26			C7	2	64
294	-1.86	-1.87	0.26	34.620	27.89	30.30	6.69	66	2.26				2	64
443	-1.92	-1.93	0.32	34.669	27.93	30.34	6.67	68	2.26			C7	2	64
471	-1.99	-2.00	0.27	34.691	27.95	30.36	6.58	72	2.28				2	64
503	-2.01	-2.02	0.28	34.721	27.98	30.39	6.61	73	2.28			C7	2	64
539	-1.95	-1.96	0.36	34.757	28.01	30.42	6.65	72	2.26				2	64
616	-1.93	-1.95	0.45	34.800	28.04	30.45	6.62	72	2.27			C7	2	64
740	-1.89	-1.91	0.58	34.836	28.07	30.48	6.38	76	2.28				2	64

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.719	-1.719	1.164	34.357	27.641	30.033	32.395	37.032	45.95	0.000	1445.1	0
10	-1.729	-1.729	1.162	34.357	27.642	30.033	32.396	37.034	45.86	.005	1445.2	10
20	-1.731	-1.731	1.167	34.362	27.646	30.038	32.400	37.038	45.41	.009	1445.4	20
30	-1.900	-1.900	1.010	34.431	27.708	30.102	32.467	37.109	39.47	.013	1444.9	30
40	-1.431	-1.432	.490	34.503	27.785	30.188	32.560	37.218	32.09	.017	1442.6	40
50	-1.567	-1.568	.362	34.512	27.796	30.200	32.575	37.236	31.01	.020	1442.2	50
60	-1.632	-1.633	.306	34.522	27.806	30.211	32.587	37.250	29.99	.023	1442.0	60
70	-1.706	-1.708	.239	34.527	27.812	30.219	32.596	37.261	29.32	.026	1441.9	71
80	-1.734	-1.735	.220	34.532	27.817	30.224	32.601	37.267	28.84	.029	1441.9	81
90	-1.738	-1.740	.224	34.534	27.819	30.226	32.603	37.269	28.60	.032	1442.1	91
100	-1.785	-1.787	.184	34.533	27.819	30.227	32.604	37.273	28.51	.035	1442.0	101
125	-1.686	-1.689	.303	34.555	27.835	30.241	32.617	37.282	26.92	.042	1442.9	126
150	-1.694	-1.698	.314	34.562	27.841	30.247	32.623	37.288	26.21	.048	1443.3	151
175	-1.747	-1.751	.280	34.569	27.847	30.254	32.631	37.298	25.44	.055	1443.5	176
200	-1.759	-1.764	.288	34.579	27.856	30.263	32.640	37.307	24.49	.061	1443.8	202
225	-1.837	-1.842	.230	34.592	27.868	30.277	32.655	37.324	23.10	.067	1443.9	227
250	-1.850	-1.856	.236	34.604	27.878	30.287	32.665	37.335	22.03	.073	1444.3	252
275	-1.859	-1.865	.247	34.612	27.885	30.294	32.672	37.342	21.24	.078	1444.7	277
300	-1.844	-1.851	.282	34.619	27.891	30.299	32.678	37.347	20.55	.083	1445.2	302
325	-1.861	-1.868	.284	34.623	27.894	30.303	32.682	37.352	20.06	.088	1445.5	328
350	-1.872	-1.880	.292	34.630	27.900	30.309	32.688	37.358	19.33	.093	1445.9	353
375	-1.884	-1.893	.300	34.646	27.914	30.323	32.702	37.372	17.93	.098	1446.2	378
400	-1.893	-1.902	.311	34.655	27.921	30.330	32.709	37.380	17.12	.102	1446.6	403
425	-1.900	-1.910	.322	34.660	27.925	30.335	32.714	37.385	16.52	.107	1447.0	429
450	-1.921	-1.932	.322	34.674	27.937	30.347	32.726	37.398	15.25	.110	1447.4	454
475	-1.990	-2.002	.272	34.694	27.955	30.366	32.746	37.420	13.32	.114	1447.5	479
500	-2.006	-2.018	.277	34.714	27.971	30.382	32.763	37.436	11.61	.117	1447.8	504
550	-1.950	-1.964	.374	34.763	28.010	30.420	32.799	37.471	7.82	.122	1449.0	555
600	-1.942	-1.957	.421	34.793	28.034	30.444	32.823	37.494	5.25	.125	1449.9	605
650	-1.915	-1.932	.487	34.811	28.048	30.457	32.836	37.506	3.75	.128	1450.9	656
700	-1.902	-1.921	.539	34.826	28.060	30.469	32.848	37.517	2.36	.129	1451.8	706
739	-1.892	-1.912	.579	34.836	28.067	30.476	32.855	37.524	1.48	.130	1452.5	746



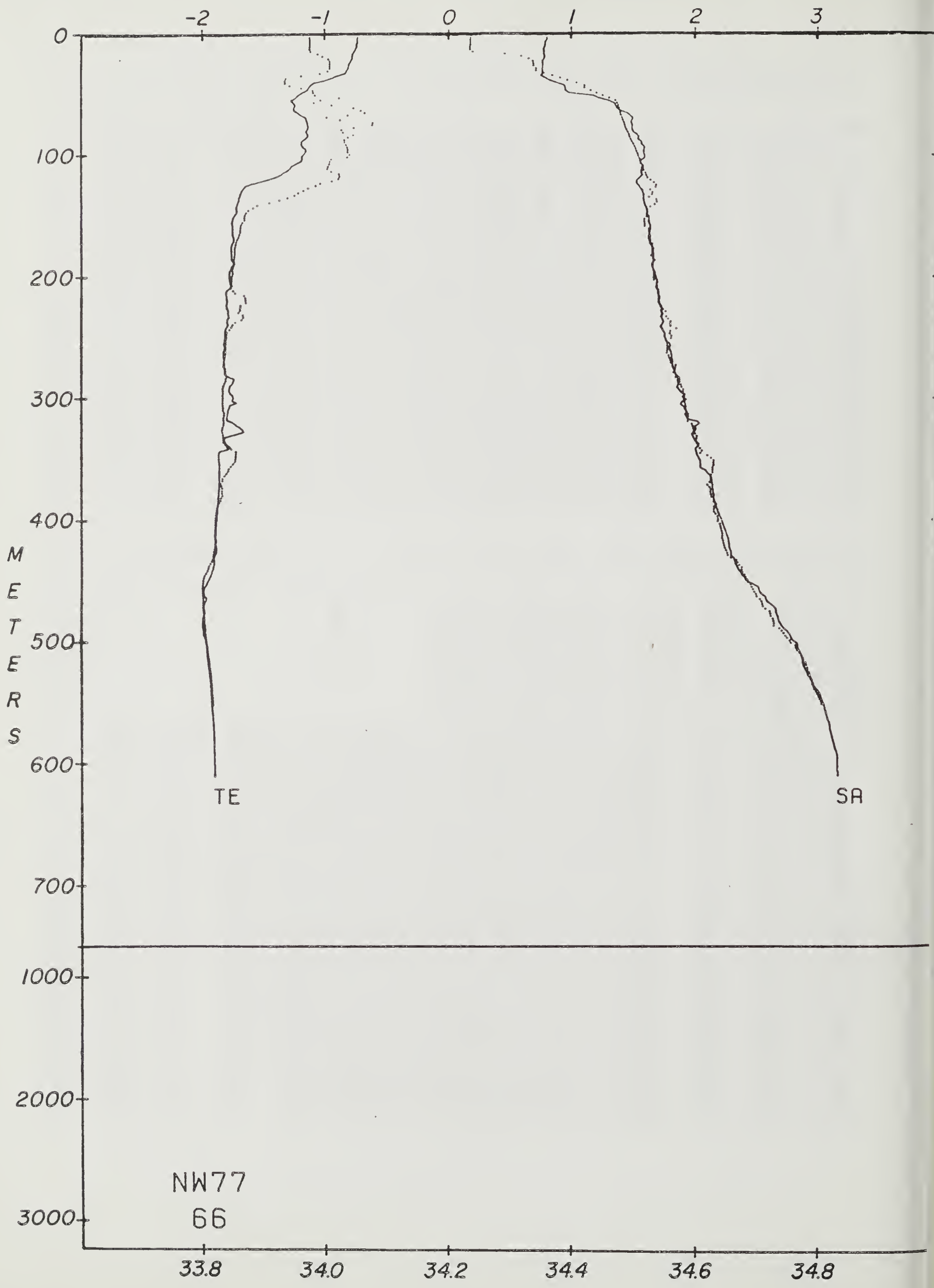
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 10.9S 179 7.8E 570 685 1004.9 200 16 -2.7 0 0 0 833 30DEC76 NW 77 1 65

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.087	-1.087	.803	34.487	27.760	30.157	32.524	37.172	34.66	0.000	1443.6	0
10	-1.099	-1.099	.799	34.485	27.759	30.156	32.524	37.171	34.71	.003	1443.7	10
20	-1.103	-1.103	.802	34.483	27.758	30.155	32.523	37.170	34.79	.007	1443.8	20
30	-1.189	-1.189	.725	34.493	27.769	30.167	32.536	37.186	33.73	.010	1443.6	30
40	-1.423	-1.424	.498	34.505	27.786	30.188	32.560	37.218	32.03	.014	1442.7	40
50	-1.622	-1.623	.310	34.541	27.822	30.227	32.602	37.265	28.58	.017	1442.0	50
60	-1.619	-1.620	.320	34.546	27.826	30.231	32.606	37.269	28.15	.020	1442.1	60
70	-1.624	-1.625	.323	34.553	27.831	30.236	32.611	37.274	27.60	.022	1442.3	71
80	-1.641	-1.643	.314	34.560	27.837	30.243	32.618	37.282	26.91	.025	1442.4	81
90	-1.624	-1.626	.339	34.567	27.843	30.248	32.623	37.286	26.38	.028	1442.6	91
100	-1.670	-1.673	.301	34.580	27.855	30.261	32.636	37.301	25.17	.030	1442.6	101
125	-1.671	-1.674	.320	34.597	27.868	30.274	32.650	37.314	23.76	.036	1443.0	126
150	-1.790	-1.793	.221	34.614	27.885	30.293	32.670	37.338	21.97	.042	1442.9	151
175	-1.815	-1.819	.216	34.624	27.894	30.302	32.680	37.348	21.02	.047	1443.2	176
200	-1.857	-1.862	.193	34.629	27.899	30.308	32.686	37.356	20.34	.053	1443.4	202
225	-1.860	-1.865	.209	34.638	27.906	30.315	32.694	37.363	19.49	.058	1443.9	227
250	-1.865	-1.870	.224	34.643	27.910	30.319	32.697	37.367	19.00	.062	1444.3	252
275	-1.870	-1.876	.239	34.650	27.916	30.325	32.704	37.373	18.30	.067	1444.7	277
300	-1.866	-1.873	.262	34.656	27.921	30.330	32.708	37.378	17.71	.072	1445.1	302
325	-1.866	-1.873	.281	34.661	27.925	30.334	32.713	37.382	17.14	.076	1445.5	328
350	-1.866	-1.874	.300	34.664	27.927	30.336	32.715	37.385	16.79	.080	1445.9	353
375	-1.866	-1.875	.319	34.665	27.929	30.338	32.716	37.386	16.54	.084	1446.4	378
400	-1.860	-1.870	.344	34.672	27.934	30.342	32.721	37.390	15.94	.088	1446.8	403
425	-1.863	-1.873	.361	34.672	27.934	30.343	32.721	37.391	15.76	.092	1447.2	429
450	-1.865	-1.876	.377	34.676	27.937	30.346	32.724	37.394	15.33	.096	1447.6	454
475	-1.872	-1.884	.389	34.678	27.939	30.348	32.727	37.397	14.99	.100	1448.0	479
500	-1.897	-1.909	.385	34.690	27.949	30.358	32.738	37.408	13.86	.104	1448.3	504
550	-1.918	-1.932	.404	34.737	27.988	30.398	32.777	37.448	9.87	.110	1449.1	555
600	-1.918	-1.934	.444	34.782	28.025	30.434	32.813	37.484	6.16	.114	1450.0	605
650	-1.887	-1.905	.515	34.819	28.054	30.463	32.841	37.510	3.27	.116	1451.1	656
678	-1.878	-1.896	.547	34.837	28.068	30.477	32.855	37.524	1.80	.117	1451.6	684

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 10.2S 179 7.3E 570 685 1005.7 210 10 -2.2 0 0 0 1000 30DEC76 NW 77 2 65

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.20	-1.20	0.69	34.478	27.76	30.16		65				BC17	0	65
19	-1.20	-1.20	0.70	34.482	27.76	30.16		68					2	65
37	-1.51	-1.51	0.41	34.517	27.80	30.20		67				C7	2	65
59	-1.80	-1.80	0.14	34.545	27.83	30.24		66					2	65
98	-1.77	-1.77	0.20	34.580	27.86	30.26		69				C7	2	65
126	-1.83	-1.83	0.16	34.596	27.87	30.28		68					2	65
232	-1.86	-1.87	0.21	34.637	27.91	30.31		69					2	65
400	-1.88	-1.89	0.32	34.667	27.93	30.34							2	65
681	-1.89	-1.91	0.54	34.837	28.07	30.48							2	65

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.180	-1.180	.710	34.480	27.758	30.156	32.525	37.175	34.89	0.000	1443.1	0
10	-1.205	-1.206	.692	34.480	27.759	30.158	32.526	37.177	34.76	.003	1443.2	10
20	-1.212	-1.212	.693	34.479	27.759	30.158	32.527	37.178	34.71	.007	1443.3	20
30	-1.264	-1.264	.650	34.494	27.772	30.172	32.542	37.194	33.39	.010	1443.2	30
40	-1.661	-1.662	.262	34.532	27.815	30.221	32.597	37.261	29.22	.013	1441.6	40
50	-1.776	-1.778	.155	34.544	27.828	30.236	32.613	37.281	27.95	.016	1441.2	50
60	-1.794	-1.795	.145	34.547	27.831	30.239	32.617	37.285	27.61	.019	1441.3	60
70	-1.749	-1.751	.199	34.563	27.842	30.250	32.627	37.293	26.48	.022	1441.7	71
80	-1.783	-1.785	.173	34.571	27.850	30.257	32.635	37.303	25.69	.024	1441.7	81
90	-1.749	-1.751	.214	34.574	27.852	30.258	32.636	37.302	25.50	.027	1442.1	91
100	-1.783	-1.785	.189	34.587	27.863	30.271	32.648	37.316	24.35	.029	1442.1	101
125	-1.828	-1.831	.163	34.596	27.871	30.279	32.658	37.327	23.42	.035	1442.3	126
150	-1.844	-1.847	.167	34.606	27.880	30.289	32.667	37.336	22.42	.041	1442.6	151
175	-1.866	-1.869	.165	34.613	27.886	30.295	32.673	37.343	21.73	.047	1443.0	176
200	-1.865	-1.870	.134	34.615	27.888	30.297	32.676	37.346	21.37	.052	1443.4	202
225	-1.868	-1.873	.201	34.628	27.898	30.307	32.686	37.356	20.25	.057	1443.8	227
250	-1.867	-1.872	.222	34.635	27.904	30.313	32.691	37.361	19.61	.062	1444.2	252
275	-1.875	-1.882	.232	34.639	27.907	30.316	32.695	37.365	19.12	.067	1444.6	277
300	-1.876	-1.882	.251	34.645	27.913	30.322	32.700	37.370	18.47	.072	1445.0	302
325	-1.875	-1.882	.272	34.649	27.915	30.324	32.703	37.373	18.08	.076	1445.5	328
350	-1.870	-1.878	.296	34.661	27.925	30.334	32.713	37.382	17.01	.081	1445.9	353
375	-1.878	-1.887	.307	34.667	27.931	30.340	32.719	37.388	16.33	.085	1446.3	378
400	-1.882	-1.891	.323	34.668	27.931	30.340	32.719	37.388	16.17	.089	1446.7	403
425	-1.882	-1.892	.341	34.666	27.929	30.338	32.717	37.388	16.18	.093	1447.1	429
450	-1.882	-1.893	.360	34.667	27.930	30.339	32.718	37.389	15.93	.097	1447.5	454
475	-1.894	-1.905	.368	34.673	27.935	30.345	32.724	37.394	15.30	.101	1447.9	479
500	-1.928	-1.941	.353	34.690	27.950	30.360	32.739	37.410	13.75	.105	1448.2	504
550	-1.920	-1.934	.403	34.752	28.000	30.410	32.789	37.459	8.77	.110	1449.1	555
600	-1.922	-1.938	.441	34.792	28.033	30.442	32.821	37.491	5.45	.114	1450.0	605
650	-1.899	-1.916	.504	34.822	28.056	30.465	32.844	37.513	3.00	.116	1451.0	656
681	-1.892	-1.910	.535	34.837	28.068	30.477	32.856	37.525	1.72	.117	1451.6	687



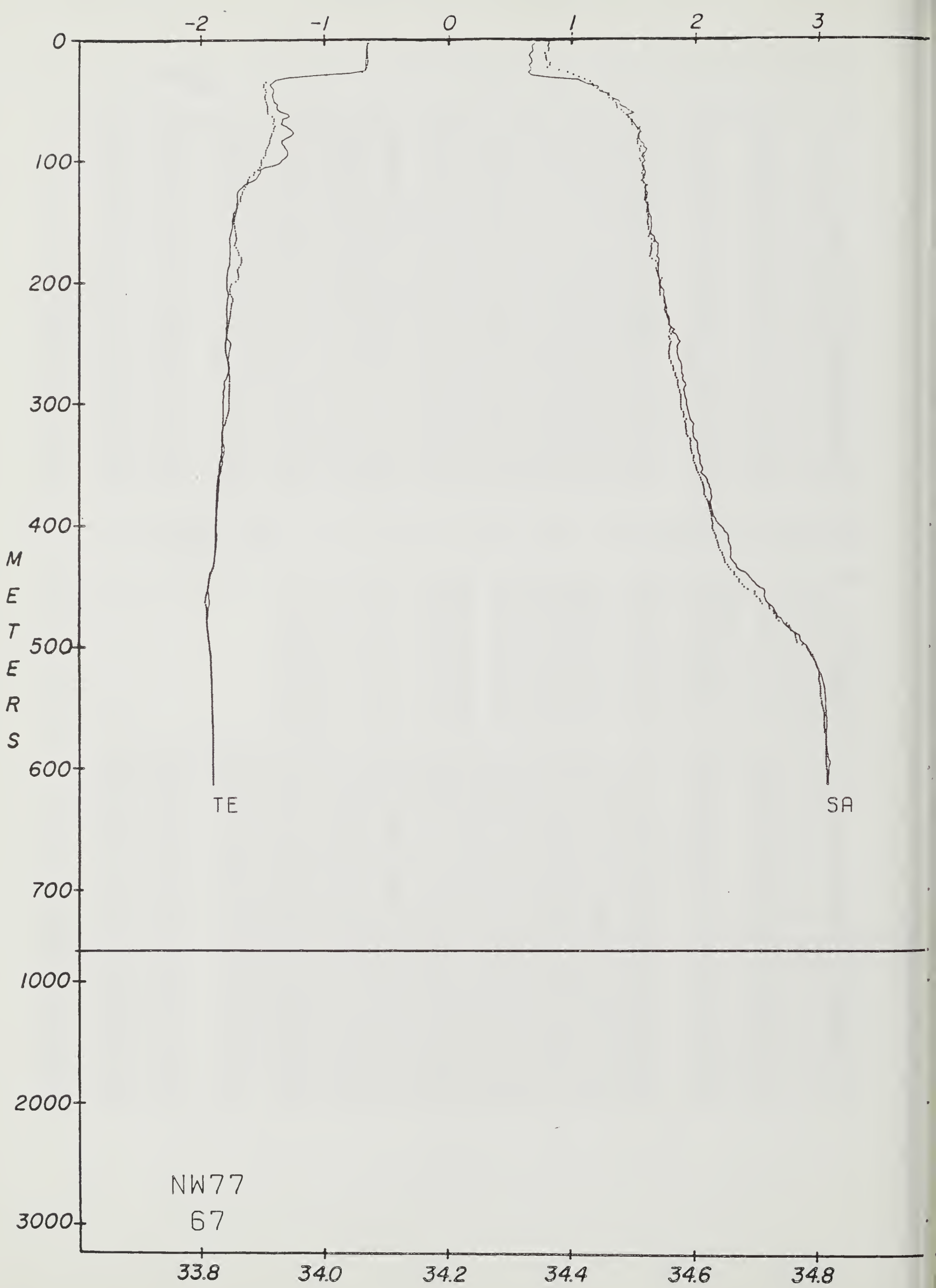
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
76 34.7S 178 44.9W 569 611 1006.3 220 15 -1.1 0 0 8 1317 30DEC76 NW 77 1 66

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.708	-1.708	1.175	34.362	27.644	30.036	32.398	37.035	45.61	0.000	1445.2	0
10	-1.749	-1.749	1.142	34.356	27.642	30.034	32.397	37.035	45.82	.005	1445.1	10
20	-1.786	-1.786	1.112	34.355	27.642	30.035	32.398	37.038	45.78	.009	1445.1	20
30	-1.830	-1.831	1.075	34.352	27.642	30.035	32.399	37.040	45.75	.014	1445.1	30
40	-1.088	-1.089	.827	34.379	27.673	30.071	32.438	37.086	42.74	.018	1444.1	40
50	-1.224	-1.225	.702	34.439	27.726	30.126	32.495	37.147	37.65	.022	1443.7	50
60	-1.255	-1.257	.680	34.475	27.757	30.156	32.526	37.179	34.74	.026	1443.7	60
70	-1.153	-1.155	.790	34.497	27.771	30.169	32.537	37.187	33.33	.029	1444.4	71
80	-1.155	-1.157	.797	34.503	27.775	30.174	32.542	37.191	32.89	.033	1444.6	81
90	-1.195	-1.197	.765	34.516	27.788	30.186	32.555	37.205	31.66	.036	1444.6	91
100	-1.185	-1.187	.783	34.519	27.790	30.189	32.557	37.207	31.43	.039	1444.8	101
125	-1.661	-1.664	.325	34.511	27.798	30.204	32.580	37.245	30.37	.047	1443.0	126
150	-1.752	-1.755	.255	34.526	27.813	30.220	32.598	37.265	28.82	.054	1443.0	151
175	-1.768	-1.772	.258	34.532	27.818	30.225	32.603	37.270	28.21	.061	1443.3	176
200	-1.782	-1.786	.263	34.538	27.823	30.231	32.609	37.277	27.52	.068	1443.7	202
225	-1.798	-1.803	.266	34.547	27.831	30.239	32.617	37.286	26.64	.075	1444.0	227
250	-1.819	-1.825	.265	34.552	27.836	30.244	32.623	37.292	26.05	.081	1444.3	252
275	-1.821	-1.827	.283	34.566	27.847	30.255	32.633	37.302	24.88	.089	1444.8	277
300	-1.761	-1.768	.363	34.586	27.862	30.269	32.646	37.313	23.36	.094	1445.5	302
325	-1.673	-1.681	.470	34.600	27.871	30.277	32.653	37.317	22.44	.100	1446.3	328
350	-1.867	-1.875	.296	34.608	27.882	30.291	32.671	37.340	21.02	.105	1445.9	353
375	-1.871	-1.880	.312	34.630	27.900	30.309	32.688	37.358	19.24	.110	1446.3	378
400	-1.890	-1.900	.313	34.645	27.912	30.322	32.701	37.371	17.90	.115	1446.6	403
425	-1.895	-1.905	.328	34.658	27.924	30.333	32.712	37.383	16.67	.119	1447.0	429
450	-1.968	-1.979	.275	34.689	27.950	30.361	32.741	37.414	13.93	.123	1447.2	454
475	-1.991	-2.002	.274	34.732	27.986	30.396	32.776	37.450	10.45	.126	1447.5	479
500	-1.973	-1.985	.313	34.766	28.013	30.423	32.803	37.475	7.76	.128	1448.1	504
550	-1.927	-1.941	.399	34.810	28.047	30.457	32.835	37.506	4.35	.131	1449.2	555
600	-1.904	-1.919	.462	34.832	28.065	30.473	32.852	37.522	2.49	.133	1450.2	605
609	-1.902	-1.918	.471	34.833	28.065	30.474	32.853	37.522	2.37	.133	1450.3	614

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
76 33.6S 178 40.2W 569 611 1006.5 220 13 -1.3 0 0 0 1425 30DEC76 NW 77 2 66

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.12	-1.12	0.76	34.233	27.56	29.95	8.43	52	1.56			C7	2	66
22	-0.95	-0.95	0.95	34.338	27.63	30.03						C1	2	66
53	-0.86	-0.86	1.07	34.466	27.73	30.13	6.31	66	1.71			C7	2	66
118	-0.93	-0.93	1.05	34.530	27.79	30.18	6.11	71	2.20				2	66
161	-1.69	-1.69	0.32	34.521	27.81	30.21	6.58	66	2.16			C7	2	66
210	-1.76	-1.76	0.29	34.542	27.83	30.23	6.63	66	2.18				2	66
264	-1.82	-1.83	0.27	34.558	27.84	30.25	6.70	67	2.16			C7	2	66
341	-1.83	-1.84	0.33	34.609	27.88	30.29	6.67	67	2.18				2	66
427	-1.91	-1.92	0.31	34.653	27.92	30.33	6.67	68	2.16			C7	2	66
469	-2.02	-2.03	0.24	34.709	27.97	30.38	6.59	73	2.18				2	66
520	-1.94	-1.95	0.36	34.784	28.03	30.44	6.56	73	2.18				2	66
604	-1.89	-1.91	0.48	34.832	28.06	30.47	6.49	76	2.21			D6C8	2	66

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.105	-1.105	.771	34.237	27.558	29.957	32.325	36.975	53.75	0.000	1443.1	0
10	-1.124	-1.124	.759	34.235	27.558	29.956	32.325	36.976	53.78	.005	1443.2	10
20	-1.978	-1.979	.918	34.331	27.630	30.026	32.392	37.038	46.90	.010	1444.2	20
30	-1.983	-1.984	.922	34.346	27.642	30.038	32.404	37.050	45.71	.015	1444.3	30
40	-1.321	-1.322	.595	34.410	27.706	30.107	32.478	37.133	39.62	.019	1443.0	40
50	-1.051	-1.052	.875	34.453	27.732	30.128	32.495	37.142	37.18	.023	1444.5	50
60	-1.797	-1.798	1.139	34.478	27.742	30.135	32.498	37.137	36.16	.027	1445.9	60
70	-1.860	-1.862	1.083	34.485	27.750	30.144	32.507	37.148	35.39	.030	1445.8	71
80	-1.835	-1.837	1.117	34.493	27.755	30.149	32.512	37.152	34.85	.034	1446.1	81
90	-1.830	-1.833	1.129	34.502	27.763	30.155	32.519	37.158	34.15	.037	1446.3	91
100	-1.848	-1.851	1.120	34.509	27.770	30.163	32.526	37.166	33.45	.041	1446.4	101
125	-1.109	-1.113	.879	34.537	27.802	30.199	32.567	37.214	30.22	.049	1445.6	126
150	-1.658	-1.661	.348	34.523	27.808	30.214	32.589	37.254	29.35	.056	1443.4	151
175	-1.736	-1.740	.290	34.533	27.818	30.225	32.603	37.269	28.18	.063	1443.5	176
200	-1.763	-1.768	.282	34.535	27.820	30.227	32.605	37.272	27.86	.070	1443.8	202
225	-1.694	-1.699	.371	34.547	27.828	30.234	32.610	37.276	27.02	.077	1444.5	227
250	-1.809	-1.815	.275	34.559	27.841	30.250	32.628	37.297	25.53	.084	1444.4	252
275	-1.816	-1.822	.288	34.568	27.848	30.257	32.635	37.304	24.74	.090	1444.8	277
300	-1.838	-1.845	.285	34.583	27.861	30.269	32.648	37.318	23.38	.096	1445.1	302
325	-1.841	-1.848	.302	34.598	27.873	30.282	32.661	37.330	22.05	.102	1445.6	328
350	-1.739	-1.748	.425	34.629	27.896	30.303	32.680	37.346	19.86	.107	1446.5	353
375	-1.842	-1.851	.340	34.625	27.895	30.304	32.682	37.352	19.70	.112	1446.4	378
400	-1.898	-1.908	.304	34.638	27.908	30.317	32.696	37.367	18.34	.117	1446.6	403
425	-1.911	-1.921	.311	34.652	27.919	30.329	32.708	37.379	17.12	.121	1447.0	429
450	-2.004	-2.014	.240	34.687	27.950	30.361	32.742	37.415	13.93	.125	1447.0	454
475	-1.995	-2.006	.269	34.722	27.978	30.388	32.769	37.442	11.18	.128	1447.5	479
500	-1.968	-1.980	.318	34.757	28.006	30.416	32.796	37.468	8.44	.131	1448.1	504
550	-1.915	-1.929	.411	34.807	28.044	30.453	32.832	37.502	4.62	.134	1449.2	555



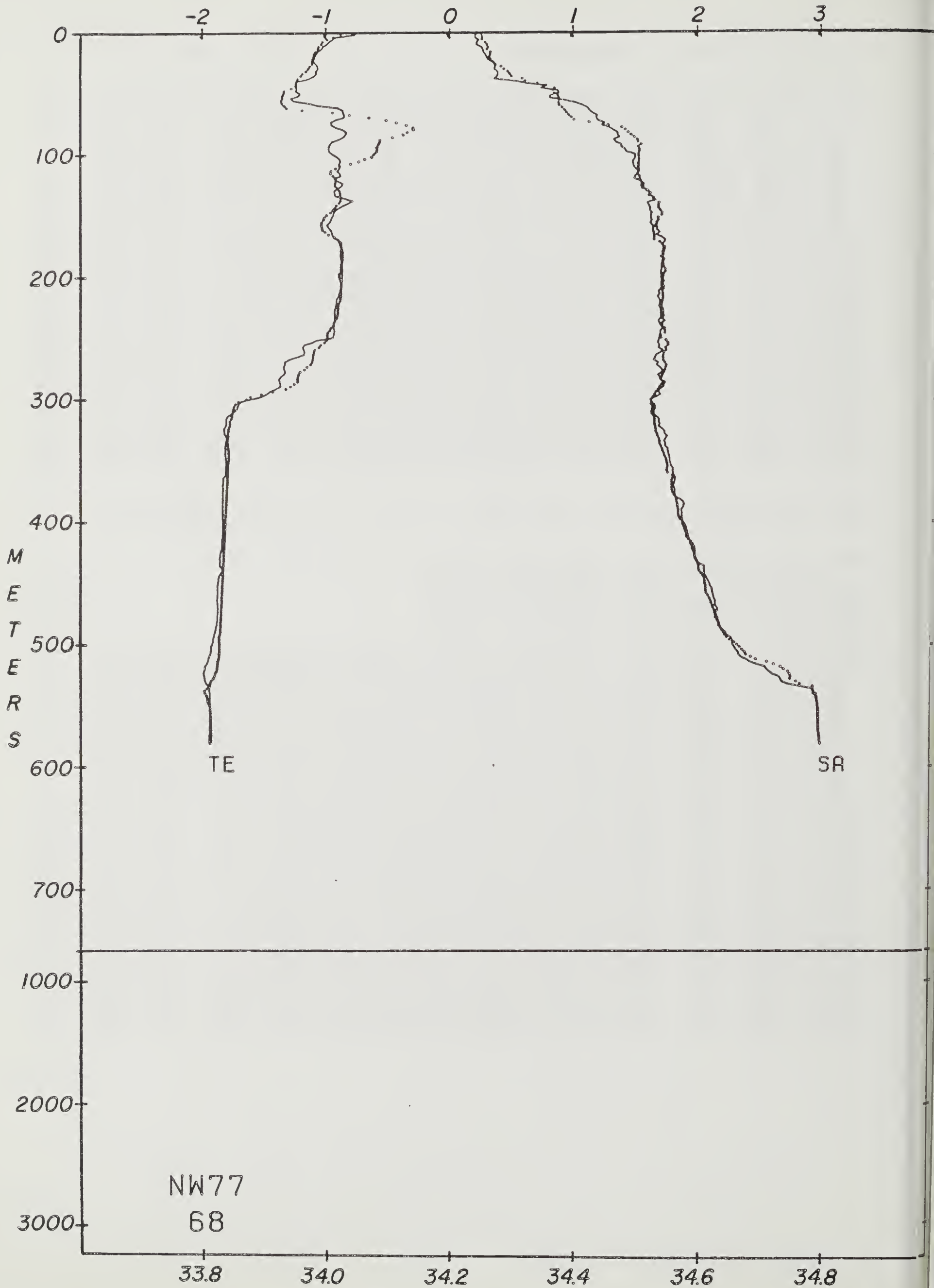
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76	2.05	177	30.2W	569	618	1006.8	230	9	-1.1	0	0	0	1731	30DEC76	NW	77	1 67

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.643	-1.643	1.239	34.344	27.627	30.018	32.379	37.014	47.24	0.000	1445.4	0
10	-1.662	-1.662	1.227	34.335	27.621	30.012	32.373	37.009	47.82	.005	1445.5	10
20	-1.667	-1.667	1.230	34.333	27.620	30.011	32.372	37.009	47.89	.010	1445.6	20
30	-1.271	-1.272	.635	34.370	27.672	30.073	32.444	37.097	42.82	.014	1443.0	30
40	-1.408	-1.409	.510	34.444	27.737	30.139	32.511	37.169	36.69	.018	1442.7	40
50	-1.401	-1.402	.527	34.474	27.761	30.162	32.535	37.192	34.38	.022	1442.9	50
60	-1.289	-1.290	.647	34.499	27.777	30.178	32.548	37.201	32.76	.025	1443.6	60
70	-1.309	-1.311	.635	34.503	27.781	30.182	32.552	37.206	32.34	.028	1443.7	71
80	-1.314	-1.316	.638	34.507	27.785	30.185	32.556	37.210	31.98	.031	1443.8	81
90	-1.300	-1.303	.660	34.520	27.795	30.195	32.565	37.219	31.00	.035	1444.1	91
100	-1.356	-1.359	.612	34.517	27.794	30.195	32.566	37.221	31.02	.038	1444.0	101
125	-1.703	-1.706	.283	34.521	27.807	30.214	32.590	37.256	29.53	.045	1442.8	126
150	-1.746	-1.749	.260	34.529	27.815	30.222	32.600	37.266	28.61	.053	1443.0	151
175	-1.762	-1.766	.264	34.540	27.824	30.231	32.609	37.277	27.62	.060	1443.4	176
200	-1.791	-1.795	.255	34.543	27.827	30.235	32.613	37.282	27.15	.066	1443.6	202
225	-1.791	-1.796	.274	34.554	27.837	30.245	32.623	37.291	26.11	.073	1444.1	227
250	-1.759	-1.765	.326	34.573	27.851	30.259	32.636	37.303	24.62	.079	1444.7	252
275	-1.785	-1.792	.319	34.579	27.857	30.264	32.642	37.310	23.96	.085	1445.0	277
300	-1.821	-1.828	.303	34.587	27.864	30.272	32.650	37.319	23.10	.091	1445.2	302
325	-1.831	-1.838	.313	34.598	27.873	30.281	32.660	37.329	22.10	.097	1445.6	328
350	-1.833	-1.842	.330	34.610	27.883	30.291	32.670	37.339	21.01	.102	1446.0	353
375	-1.861	-1.870	.322	34.627	27.897	30.306	32.685	37.355	19.48	.107	1446.3	378
400	-1.877	-1.887	.325	34.643	27.911	30.320	32.699	37.369	18.08	.112	1446.7	403
425	-1.890	-1.901	.332	34.658	27.924	30.333	32.712	37.383	16.69	.116	1447.1	429
450	-1.948	-1.959	.296	34.705	27.963	30.373	32.753	37.425	12.77	.120	1447.3	454
475	-1.949	-1.961	.316	34.738	27.989	30.399	32.779	37.451	10.16	.123	1447.7	479
500	-1.932	-1.944	.355	34.783	28.026	30.435	32.815	37.485	6.61	.125	1448.3	504
550	-1.908	-1.922	.418	34.813	28.049	30.458	32.837	37.507	4.18	.128	1449.3	555
600	-1.903	-1.918	.462	34.818	28.053	30.462	32.841	37.510	3.56	.130	1450.1	605
613	-1.903	-1.919	.472	34.817	28.052	30.461	32.840	37.509	3.56	.130	1450.4	618

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76	1.4S	177	32.3W	569	618	1006.9	230	5	-0.9	0	0	0	1817	30DEC76	NW	77	2 67

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.64	-0.64	1.24	34.361	27.64	30.03							2	67
88	-1.47	-1.47	0.49	34.516	27.80	30.20							2	67
246	-1.80	-1.81	0.28	34.562	27.84	30.25						C1	2	67
365	-1.87	-1.88	0.31	34.634	27.90	30.31							2	67
484	-1.97	-1.98	0.30	34.753	28.00	30.41							2	67
615	-1.90	-1.92	0.48	34.819	28.05	30.46							2	67

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.617	-1.617	1.266	34.363	27.642	30.032	32.392	37.026	45.89	0.000	1445.6	0
10	-1.654	-1.654	1.237	34.360	27.641	30.031	32.393	37.028	45.95	.005	1445.6	10
20	-1.653	-1.654	1.245	34.365	27.645	30.036	32.397	37.032	45.51	.009	1445.7	20
30	-1.223	-1.223	.686	34.413	27.705	30.104	32.474	37.126	39.74	.013	1443.3	30
40	-1.475	-1.476	.443	34.443	27.738	30.141	32.514	37.174	36.58	.017	1442.3	40
50	-1.471	-1.472	.456	34.467	27.757	30.160	32.533	37.192	34.74	.021	1442.6	50
60	-1.449	-1.451	.486	34.485	27.771	30.174	32.547	37.205	33.35	.024	1442.8	60
70	-1.400	-1.402	.544	34.500	27.782	30.184	32.556	37.212	32.27	.027	1443.3	71
80	-1.436	-1.438	.516	34.507	27.788	30.190	32.563	37.221	31.62	.031	1443.3	81
90	-1.471	-1.473	.489	34.511	27.792	30.196	32.568	37.227	31.15	.034	1443.3	91
100	-1.511	-1.513	.457	34.512	27.795	30.199	32.572	37.232	30.87	.037	1443.3	101
125	-1.664	-1.666	.323	34.519	27.805	30.211	32.587	37.251	29.74	.045	1443.0	126
150	-1.729	-1.732	.277	34.523	27.810	30.217	32.594	37.260	29.10	.052	1443.1	151
175	-1.691	-1.695	.335	34.528	27.813	30.219	32.596	37.261	28.70	.059	1443.7	176
200	-1.749	-1.754	.296	34.543	27.827	30.234	32.611	37.278	27.22	.066	1443.8	202
225	-1.761	-1.766	.304	34.554	27.835	30.243	32.620	37.287	26.27	.073	1444.2	227
250	-1.801	-1.807	.283	34.560	27.841	30.249	32.627	37.296	25.53	.079	1444.4	252
275	-1.766	-1.772	.338	34.568	27.847	30.255	32.632	37.300	24.84	.086	1445.0	277
300	-1.770	-1.778	.353	34.578	27.855	30.263	32.640	37.308	23.98	.092	1445.4	302
325	-1.825	-1.832	.318	34.587	27.864	30.273	32.651	37.320	22.91	.097	1445.6	328
350	-1.850	-1.858	.312	34.601	27.876	30.285	32.664	37.333	21.62	.103	1445.9	353
375	-1.874	-1.883	.308	34.617	27.889	30.298	32.677	37.348	20.22	.108	1446.3	378
400	-1.883	-1.892	.319	34.629	27.900	30.309	32.688	37.358	19.11	.113	1446.6	403
425	-1.891	-1.901	.331	34.647	27.914	30.324	32.703	37.373	17.57	.118	1447.0	429
450	-1.943	-1.954	.300	34.682	27.944	30.354	32.733	37.405	14.60	.122	1447.3	454
475	-1.955	-1.967	.309	34.733	27.985	30.395	32.775	37.447	10.52	.125	1447.7	479
500	-1.929	-1.941	.358	34.782	28.025	30.435	32.814	37.484	6.69	.127	1448.3	504
550	-1.909	-1.923	.417	34.809	28.046	30.455	32.834	37.504	4.48	.130	1449.3	555
600	-1.905	-1.920	.460	34.815	28.051	30.460	32.839	37.508	3.75	.132	1450.1	605
612	-1.902	-1.918	.472	34.816	28.051	30.461	32.839	37.509	3.65	.132	1450.4	617



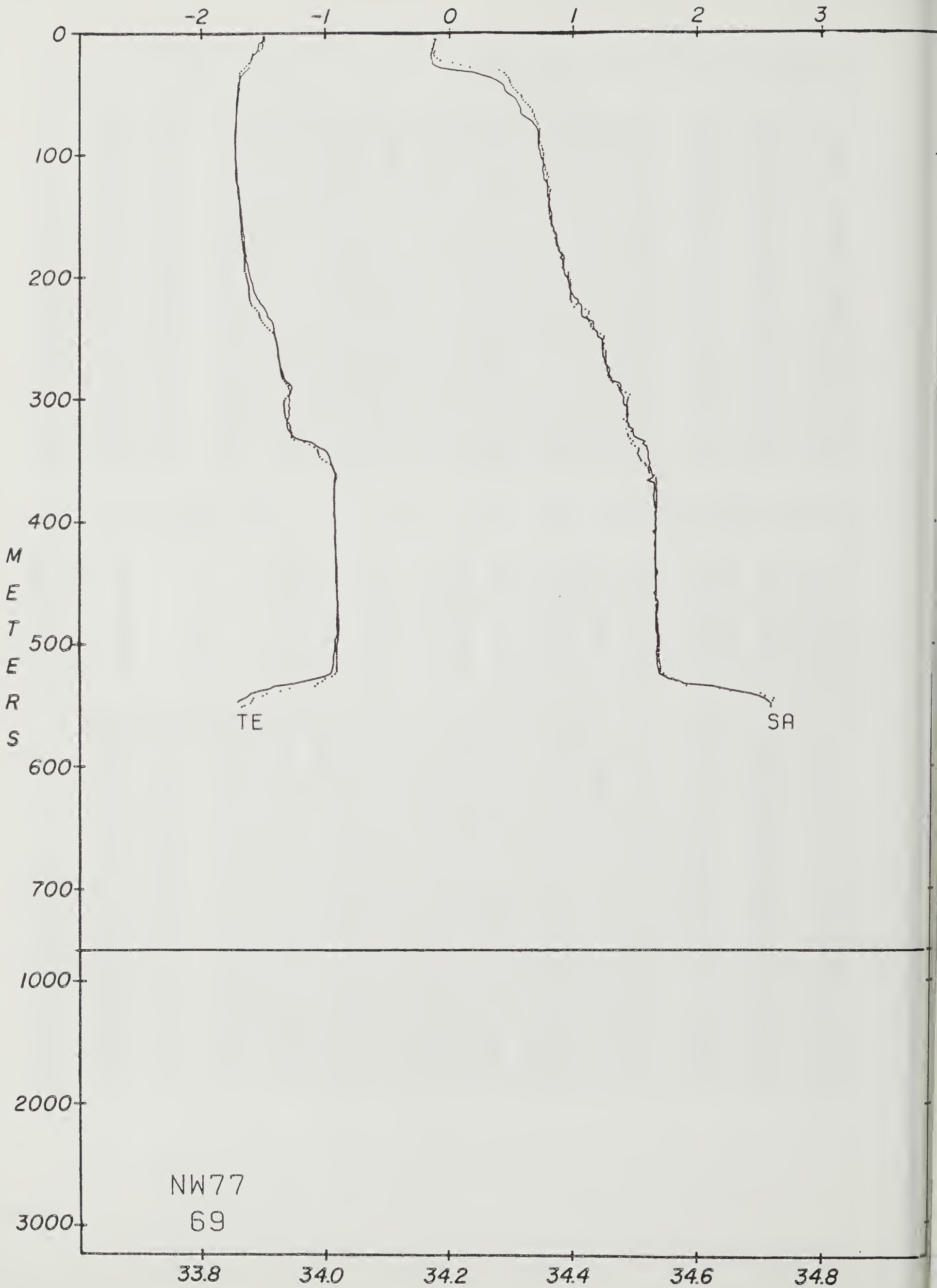
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 30.5S 176 25.4W 569 586 1006.8 280 9 1.1 0 0 9 2244 30DEC76 NW 77 1 68

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .909	- .909	.768	34.246	27.559	29.954	32.319	36.963	53.74	0.000	1444.1	0
10	- .984	- .984	.900	34.248	27.563	29.960	32.326	36.973	53.26	.005	1443.9	10
20	-1.076	-1.077	.816	34.263	27.579	29.977	32.345	36.994	51.70	.011	1443.6	20
30	-1.054	-1.055	.847	34.278	27.590	29.988	32.355	37.003	50.64	.016	1443.9	30
40	-1.217	-1.218	.694	34.309	27.621	30.020	32.391	37.043	47.69	.021	1443.4	40
50	-1.200	-1.201	.722	34.378	27.676	30.076	32.445	37.097	42.39	.025	1443.7	50
60	-1.033	-1.035	.899	34.422	27.706	30.103	32.470	37.116	39.54	.029	1444.7	60
70	- .840	- .842	1.101	34.442	27.714	30.108	32.471	37.112	38.76	.033	1445.8	71
80	- .847	- .849	1.103	34.469	27.737	30.130	32.494	37.134	36.59	.037	1446.0	81
90	- .930	- .932	1.028	34.474	27.744	30.139	32.504	37.147	35.87	.041	1445.8	91
100	- .934	- .937	1.033	34.500	27.766	30.160	32.525	37.168	33.80	.044	1445.9	101
125	- .848	- .851	1.139	34.517	27.776	30.169	32.532	37.172	32.81	.052	1446.8	126
150	- .928	- .933	1.078	34.530	27.789	30.184	32.548	37.190	31.43	.060	1446.8	151
175	- .857	- .863	1.169	34.548	27.801	30.194	32.558	37.198	30.27	.068	1447.6	176
200	- .847	- .853	1.198	34.545	27.798	30.192	32.555	37.195	30.44	.076	1448.1	202
225	- .906	- .912	1.158	34.543	27.799	30.193	32.557	37.199	30.26	.083	1448.2	227
250	- .947	- .955	1.136	34.542	27.800	30.195	32.559	37.202	30.09	.091	1448.4	252
275	-1.326	-1.333	.777	34.545	27.816	30.217	32.587	37.241	28.17	.098	1447.1	277
300	-1.595	-1.602	.525	34.528	27.810	30.215	32.590	37.253	28.34	.105	1446.2	302
325	-1.808	-1.816	.332	34.548	27.832	30.241	32.619	37.288	25.95	.112	1445.6	328
350	-1.793	-1.801	.367	34.559	27.840	30.248	32.626	37.295	25.05	.118	1446.1	353
375	-1.821	-1.830	.359	34.567	27.847	30.256	32.634	37.303	24.22	.124	1446.4	378
400	-1.821	-1.830	.378	34.580	27.858	30.267	32.645	37.314	23.06	.130	1446.9	403
425	-1.838	-1.848	.381	34.597	27.872	30.281	32.659	37.329	21.59	.136	1447.2	429
450	-1.861	-1.872	.379	34.622	27.893	30.302	32.681	37.350	19.46	.141	1447.6	454
475	-1.863	-1.875	.396	34.631	27.901	30.310	32.689	37.359	18.56	.146	1448.0	479
500	-1.911	-1.924	.368	34.659	27.925	30.334	32.714	37.385	16.11	.150	1448.2	504
550	-1.929	-1.943	.396	34.796	28.036	30.445	32.825	37.495	5.40	.156	1449.2	555
581	-1.934	-1.948	.415	34.800	28.039	30.449	32.828	37.499	4.90	.157	1449.7	586

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 30.4S 176 25.0W 569 586 1006.7 290 9 1.1 0 0 0 2344 30DEC76 NW 77 2 68

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.87	-0.87	1.01	34.268	27.58	29.97		53	1.64			BC7	0	68
12	-1.05	-1.05	0.84	34.265	27.58	29.98	7.96	54	1.68			C7	2	68
63	-1.25	-1.25	0.68	34.388	27.69	30.09	6.52	61	2.05			C7	2	68
101	-0.62	-0.62	1.35	34.500	27.75	30.14	5.99	71	2.33			C7	2	68
142	-0.90	-0.90	1.10	34.535	27.79	30.19	6.14	73	2.12			C7	2	68
180	-0.85	-0.86	1.18	34.546	27.80	30.19	6.11	77	2.10			C7	2	68
239	-0.92	-0.93	1.16	34.552	27.81	30.20	6.17	76	1.99			C7	2	68
298	-1.60	-1.61	0.52	34.542	27.82	30.23	6.58	68	2.14			C7	2	68
517	-1.87	-1.88	0.43	34.708	27.96	30.37	6.59	73	2.17			C7	2	68
533	-1.92	-1.93	0.39	34.759	28.01	30.42	6.63	75	2.22			C7	2	68
583	-1.93	-1.94	0.42	34.800	28.04	30.45	6.60	75	2.15				2	68

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .864	- .864	1.013	34.260	27.568	29.963	32.328	36.970	52.83	0.000	1444.3	0
10	-1.028	-1.028	.857	34.264	27.578	29.975	32.342	36.990	51.86	.005	1443.7	10
20	-1.089	-1.089	.804	34.268	27.583	29.981	32.350	36.999	51.30	.010	1443.6	20
30	-1.135	-1.136	.767	34.294	27.606	30.004	32.373	37.024	49.15	.015	1443.6	30
40	-1.222	-1.223	.689	34.328	27.637	30.036	32.406	37.059	46.19	.020	1443.4	40
50	-1.330	-1.331	.592	34.373	27.677	30.078	32.449	37.105	42.33	.025	1443.1	50
60	-1.322	-1.324	.607	34.381	27.683	30.084	32.455	37.111	41.68	.029	1443.3	60
70	- .641	- .643	1.297	34.401	27.673	30.064	32.425	37.059	42.69	.033	1446.7	71
80	- .285	- .288	1.666	34.488	27.728	30.113	32.468	37.091	37.59	.037	1448.6	81
90	- .553	- .556	1.407	34.511	27.758	30.147	32.506	37.137	34.63	.041	1447.6	91
100	- .599	- .602	1.368	34.509	27.759	30.149	32.508	37.141	34.52	.044	1447.5	101
125	- .911	- .914	1.076	34.515	27.776	30.171	32.535	37.177	32.73	.053	1446.5	126
150	- .980	- .984	1.028	34.546	27.804	30.199	32.565	37.208	29.99	.060	1446.6	151
175	- .860	- .865	1.166	34.549	27.802	30.195	32.559	37.199	30.17	.068	1447.6	176
200	- .876	- .882	1.169	34.547	27.801	30.195	32.559	37.199	30.14	.075	1447.9	202
225	- .885	- .892	1.179	34.546	27.800	30.194	32.558	37.199	30.14	.083	1448.3	227
250	- .976	- .983	1.109	34.546	27.804	30.199	32.565	37.208	29.67	.090	1448.3	252
275	-1.155	-1.163	.948	34.550	27.814	30.212	32.580	37.229	28.46	.098	1447.9	277
300	-1.637	-1.644	.484	34.528	27.811	30.217	32.592	37.256	28.23	.105	1446.0	302
325	-1.777	-1.784	.363	34.535	27.821	30.229	32.607	37.275	27.04	.112	1445.8	328
350	-1.775	-1.784	.384	34.553	27.835	30.243	32.620	37.288	25.60	.118	1446.2	353
375	-1.790	-1.799	.389	34.562	27.843	30.251	32.629	37.297	24.71	.125	1446.6	378
400	-1.803	-1.812	.396	34.578	27.856	30.264	32.642	37.311	23.29	.131	1446.9	403
425	-1.815	-1.826	.404	34.598	27.872	30.281	32.659	37.328	21.60	.136	1447.3	429
450	-1.828	-1.839	.411	34.614	27.886	30.294	32.672	37.342	20.18	.141	1447.7	454
475	-1.841	-1.853	.418	34.630	27.899	30.308	32.686	37.356	18.74	.146	1448.1	479
500	-1.856	-1.867	.424	34.666	27.929	30.338	32.717	37.386	15.81	.151	1448.5	504
550	-1.936	-1.950	.390	34.796	28.036	30.446	32.825	37.496	5.35	.156	1449.1	555
580	-1.926	-1.940	.423	34.800	28.039	30.449	32.828	37.498	4.94	.157	1449.7	585



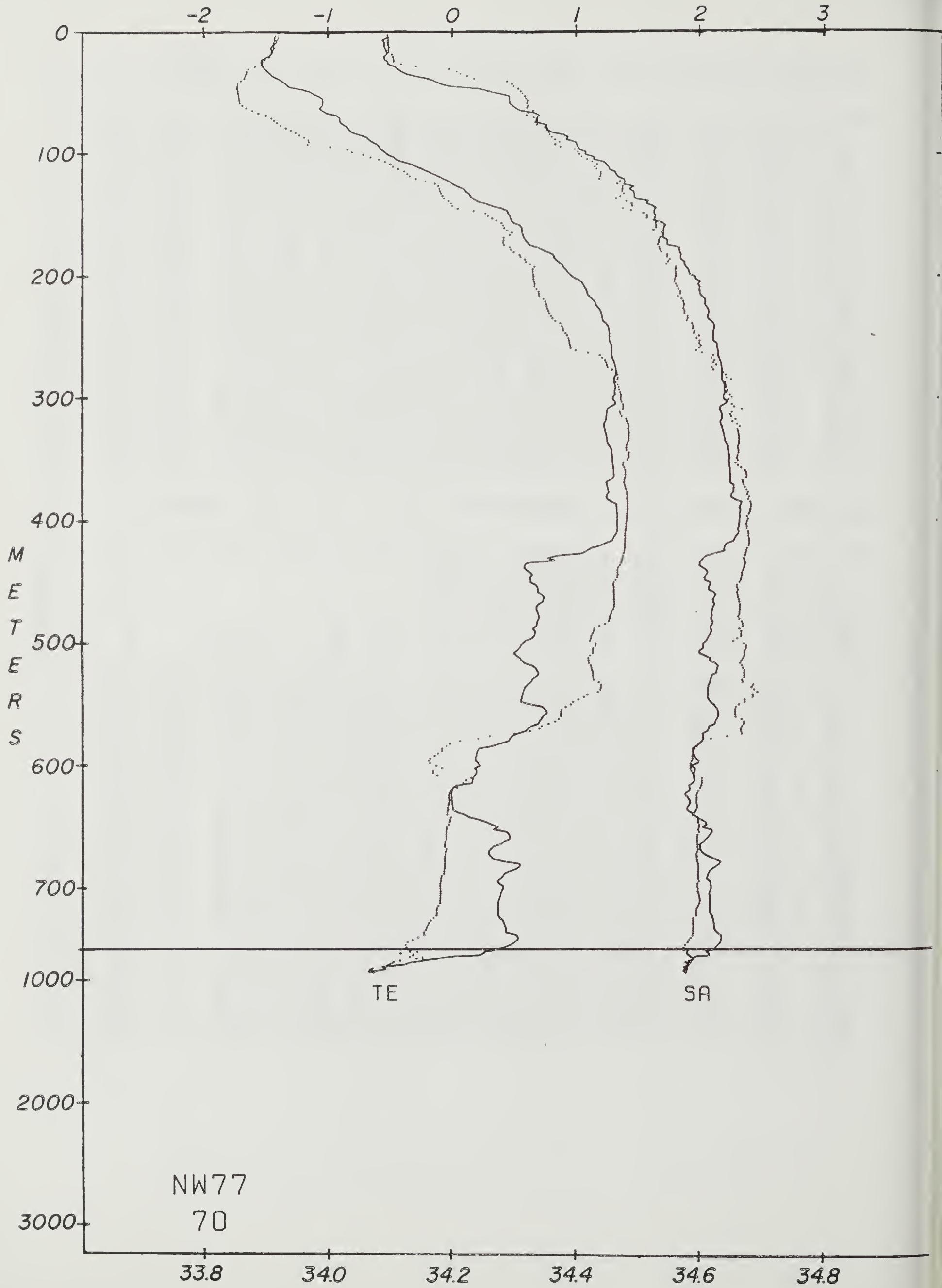
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 22.0S 175 48.8W 569 553 1006.5 310 6 1.8 0 0 19 112 31DEC76 NW 77 1 69

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.494	-1.494	.379	34.180	27.525	29.929	32.304	36.967	56.95	0.000	1441.2	0
10	-1.546	-1.546	.334	34.174	27.522	29.927	32.303	36.967	57.19	.006	1441.1	10
20	-1.601	-1.601	.287	34.171	27.521	29.927	32.304	36.969	57.21	.011	1441.0	20
30	-1.639	-1.640	.258	34.211	27.554	29.961	32.338	37.004	54.00	.017	1441.1	30
40	-1.703	-1.704	.206	34.284	27.615	30.023	32.400	37.068	48.16	.022	1441.0	40
50	-1.713	-1.714	.205	34.300	27.628	30.035	32.413	37.081	46.87	.027	1441.2	50
60	-1.719	-1.721	.206	34.316	27.641	30.049	32.427	37.094	45.57	.031	1441.3	60
70	-1.720	-1.722	.214	34.331	27.654	30.061	32.439	37.107	44.34	.036	1441.5	71
80	-1.723	-1.725	.219	34.344	27.664	30.072	32.450	37.117	43.24	.040	1441.7	81
90	-1.725	-1.727	.225	34.345	27.665	30.073	32.450	37.118	43.14	.045	1441.8	91
100	-1.726	-1.729	.232	34.349	27.668	30.076	32.454	37.122	42.79	.049	1442.0	101
125	-1.710	-1.713	.267	34.360	27.677	30.084	32.461	37.129	41.84	.060	1442.5	126
150	-1.675	-1.678	.322	34.367	27.681	30.088	32.465	37.131	41.26	.070	1443.1	151
175	-1.649	-1.653	.368	34.377	27.689	30.095	32.472	37.137	40.43	.080	1443.7	176
200	-1.605	-1.609	.432	34.392	27.700	30.105	32.481	37.145	39.28	.090	1444.3	202
225	-1.488	-1.494	.569	34.414	27.715	30.119	32.492	37.153	37.80	.100	1445.3	227
250	-1.398	-1.404	.680	34.447	27.738	30.140	32.513	37.170	35.55	.109	1446.2	252
275	-1.349	-1.356	.748	34.459	27.747	30.149	32.520	37.176	34.63	.118	1446.8	277
300	-1.289	-1.298	.828	34.482	27.763	30.164	32.534	37.188	33.03	.126	1447.6	302
325	-1.289	-1.298	.849	34.498	27.776	30.176	32.547	37.200	31.74	.134	1448.0	328
350	-.957	-.968	1.201	34.523	27.785	30.180	32.546	37.189	31.12	.142	1450.0	353
375	-.928	-.939	1.250	34.531	27.791	30.185	32.550	37.193	30.55	.150	1450.6	378
400	-.924	-.937	1.272	34.534	27.792	30.187	32.552	37.194	30.32	.157	1451.0	403
425	-.921	-.934	1.295	34.533	27.791	30.186	32.551	37.193	30.33	.165	1451.4	429
450	-.915	-.929	1.320	34.534	27.792	30.187	32.551	37.193	30.21	.173	1451.9	454
475	-.909	-.925	1.344	34.534	27.792	30.186	32.551	37.193	30.16	.180	1452.3	479
500	-.928	-.945	1.344	34.537	27.795	30.190	32.555	37.197	29.73	.188	1452.7	504
547	-1.709	-1.724	.609	34.716	27.965	30.372	32.748	37.412	12.38	.197	1450.0	552

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 21.6S 175 49.0W 569 553 1006.3 310 8 2.2 0 0 0 200 31DEC76 NW 77 2 69

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.49	-1.49	0.38	34.170	27.52	29.92						C7	2	69
17	-1.59	-1.59	0.30	34.178	27.53	29.93						C7	2	69
38	-1.69	-1.69	0.22	34.291	27.62	30.03						C7	2	69
93	-1.73	-1.73	0.22	34.357	27.67	30.08							2	69
321	-1.28	-1.29	0.85	34.490	27.77	30.17						A1C7	2	69
410	-0.91	-0.92	1.29	34.540	27.80	30.19	6.21	81				A	2	69
526	-0.92	-0.94	1.37	34.552	27.81	30.20	6.20	81		-0.42		A	2	69
551	-1.68	-1.70	0.64	34.716	27.96	30.37	6.30	82		-0.50		A	2	69

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.483	-1.483	.390	34.175	27.520	29.925	32.300	36.961	57.37	0.000	1441.3	0
10	-1.511	-1.511	.369	34.174	27.521	29.926	32.301	36.964	57.26	.006	1441.3	10
20	-1.596	-1.596	.292	34.181	27.529	29.935	32.312	36.977	56.45	.011	1441.1	20
30	-1.679	-1.680	.222	34.278	27.609	30.016	32.394	37.061	48.77	.017	1441.0	30
40	-1.694	-1.694	.216	34.300	27.628	30.035	32.413	37.080	46.96	.021	1441.1	40
50	-1.704	-1.705	.214	34.316	27.641	30.048	32.426	37.093	45.65	.026	1441.2	50
60	-1.714	-1.716	.212	34.332	27.654	30.062	32.439	37.107	44.33	.031	1441.4	60
70	-1.722	-1.724	.213	34.341	27.662	30.069	32.447	37.115	43.58	.035	1441.5	71
80	-1.730	-1.732	.213	34.348	27.667	30.075	32.453	37.121	42.97	.039	1441.7	81
90	-1.732	-1.734	.218	34.348	27.668	30.076	32.454	37.122	42.84	.044	1441.8	91
100	-1.728	-1.730	.231	34.354	27.672	30.080	32.458	37.126	42.40	.048	1442.0	101
125	-1.704	-1.707	.274	34.361	27.678	30.085	32.462	37.129	41.75	.058	1442.5	126
150	-1.688	-1.692	.309	34.364	27.680	30.087	32.464	37.131	41.42	.069	1443.0	151
175	-1.665	-1.669	.352	34.377	27.689	30.096	32.473	37.138	40.38	.079	1443.6	176
200	-1.635	-1.639	.402	34.396	27.704	30.110	32.486	37.151	38.88	.089	1444.2	202
225	-1.561	-1.566	.496	34.408	27.712	30.117	32.492	37.154	38.05	.099	1444.9	227
250	-1.397	-1.403	.681	34.450	27.741	30.143	32.515	37.172	35.32	.108	1446.2	252
275	-1.358	-1.365	.739	34.456	27.744	30.146	32.517	37.173	34.88	.116	1446.8	277
300	-1.330	-1.338	.788	34.489	27.770	30.171	32.542	37.197	32.36	.125	1447.4	302
325	-1.273	-1.282	.864	34.490	27.769	30.169	32.540	37.193	32.41	.133	1448.1	328
350	-.993	-1.004	1.164	34.511	27.777	30.173	32.538	37.183	31.86	.141	1449.8	353
375	-.934	-.945	1.244	34.536	27.794	30.189	32.554	37.197	30.21	.149	1450.5	378
400	-.923	-.936	1.274	34.534	27.792	30.187	32.552	37.194	30.33	.156	1451.0	403
425	-.918	-.931	1.298	34.534	27.792	30.187	32.551	37.193	30.28	.164	1451.4	429
450	-.908	-.922	1.327	34.535	27.792	30.187	32.552	37.193	30.17	.171	1451.9	454
475	-.901	-.917	1.352	34.535	27.793	30.187	32.552	37.194	30.07	.179	1452.4	479
500	-.910	-.927	1.363	34.540	27.796	30.191	32.556	37.198	29.62	.186	1452.7	504
550	-1.662	-1.677	.659	34.719	27.966	30.372	32.748	37.410	12.34	.197	1450.3	555
551	-1.680	-1.695	.642	34.719	27.967	30.373	32.748	37.412	12.26	.197	1450.2	556



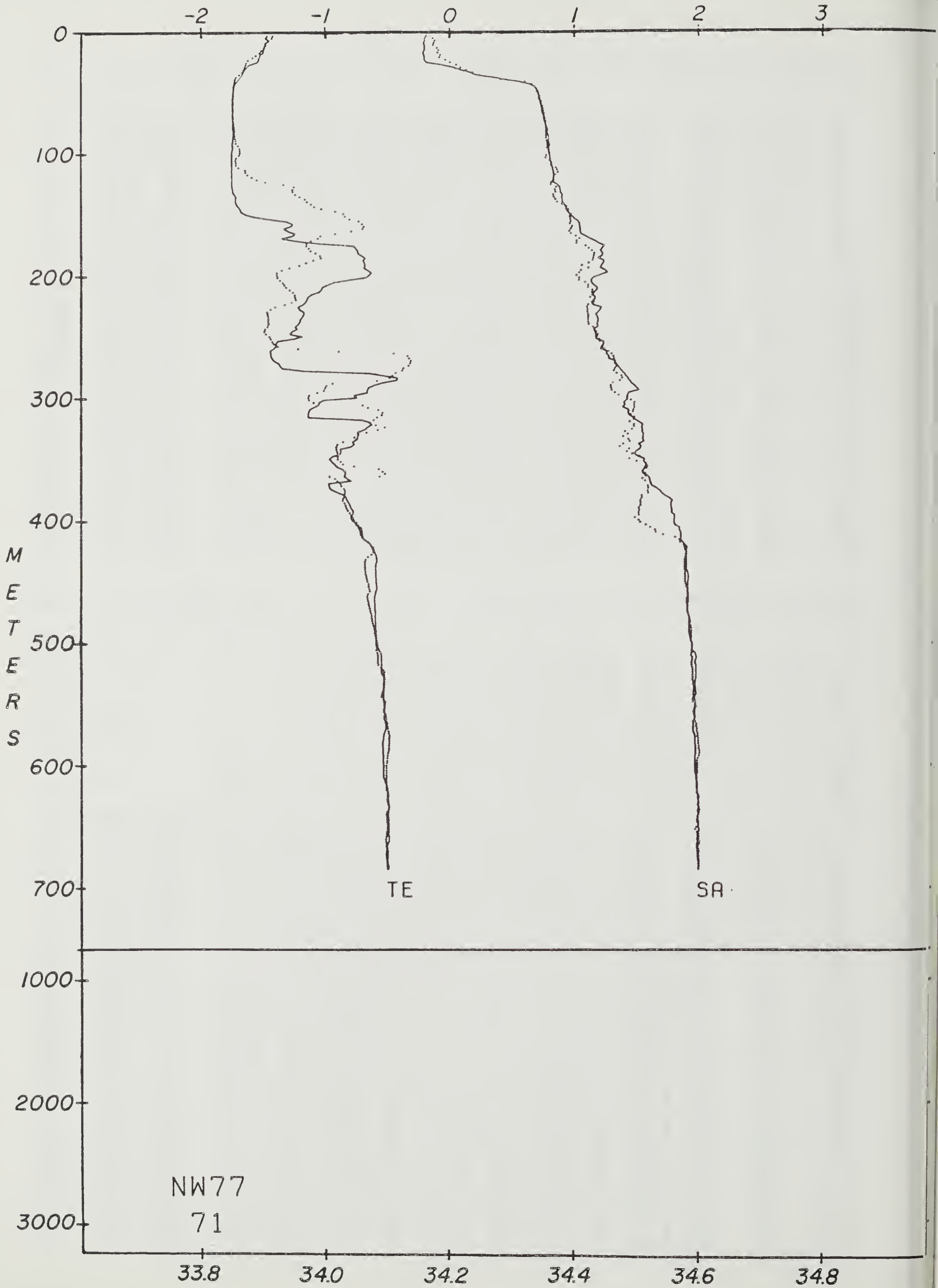
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 15.8S 175 22.2W 569 946 1005.7 300 7 1.1 0 0 17 301 31DEC76 NW 77 1 70

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.397	-1.397	.471	34.096	27.454	29.857	32.231	36.891	63.67	0.000	1441.6	0
10	-1.445	-1.445	.430	34.089	27.450	29.855	32.229	36.891	63.95	.006	1441.5	10
20	-1.496	-1.497	.386	34.090	27.452	29.857	32.233	36.896	63.72	.013	1441.4	20
30	-1.505	-1.505	.387	34.113	27.471	29.876	32.251	36.914	61.90	.019	1441.6	30
40	-1.360	-1.361	.542	34.172	27.515	29.918	32.290	36.948	57.69	.025	1442.5	40
50	-1.115	-1.116	.801	34.276	27.591	29.989	32.358	37.008	50.47	.030	1444.0	50
60	-1.057	-1.058	.868	34.298	27.606	30.004	32.371	37.019	48.99	.035	1444.4	60
70	-.913	-.913	1.022	34.338	27.633	30.029	32.394	37.037	46.40	.040	1445.3	71
80	-.829	-.831	1.114	34.355	27.644	30.038	32.402	37.043	45.37	.045	1445.9	81
90	-.637	-.640	1.316	34.398	27.671	30.061	32.422	37.057	42.87	.049	1447.0	91
100	-.514	-.517	1.448	34.420	27.683	30.071	32.430	37.061	41.73	.053	1447.8	101
125	.030	.026	2.015	34.484	27.709	30.089	32.440	37.054	39.38	.064	1450.8	126
150	.467	.460	2.473	34.529	27.721	30.095	32.439	37.040	38.41	.073	1453.2	151
175	.656	.648	2.683	34.560	27.735	30.106	32.446	37.042	37.26	.083	1454.6	176
200	.981	.972	3.029	34.591	27.740	30.106	32.442	37.028	37.00	.092	1456.5	202
225	1.182	1.172	3.251	34.613	27.743	30.107	32.440	37.020	36.81	.101	1457.8	227
250	1.272	1.260	3.360	34.623	27.745	30.107	32.439	37.017	36.78	.110	1458.6	252
275	1.323	1.309	3.430	34.637	27.753	30.114	32.445	37.021	36.17	.120	1459.3	277
300	1.300	1.285	3.427	34.641	27.758	30.119	32.451	37.028	35.75	.129	1459.6	302
325	1.235	1.219	3.380	34.638	27.760	30.123	32.455	37.034	35.57	.137	1459.7	328
350	1.296	1.278	3.461	34.648	27.764	30.125	32.457	37.034	35.35	.146	1460.4	353
375	1.263	1.244	3.447	34.655	27.772	30.134	32.466	37.044	34.63	.155	1460.7	378
400	1.333	1.313	3.537	34.664	27.774	30.136	32.467	37.043	34.52	.164	1461.5	403
425	1.062	1.041	3.283	34.634	27.768	30.134	32.469	37.053	34.83	.172	1460.6	429
450	.645	.624	2.884	34.615	27.780	30.151	32.492	37.088	33.33	.181	1459.1	454
475	.694	.672	2.953	34.620	27.780	30.151	32.492	37.086	33.35	.189	1459.8	479
500	.569	.547	2.846	34.607	27.778	30.151	32.493	37.091	33.46	.198	1459.6	504
550	.633	.607	2.948	34.623	27.787	30.159	32.501	37.097	32.73	.214	1460.8	555
600	.220	.194	2.571	34.590	27.785	30.163	32.510	37.119	32.33	.230	1459.7	605
650	.366	.337	2.757	34.611	27.793	30.169	32.514	37.118	31.84	.246	1461.2	656
700	.411	.379	2.840	34.619	27.797	30.173	32.518	37.121	31.53	.262	1462.2	706
750	.340	.306	2.807	34.622	27.803	30.180	32.526	37.131	30.84	.278	1462.8	757
800	.018	-.017	2.522	34.596	27.800	30.181	32.532	37.147	30.47	.293	1462.1	808
850	-.305	-.340	2.236	34.587	27.808	30.195	32.550	37.175	28.87	.308	1461.4	858
900	-.548	-.584	2.030	34.581	27.815	30.205	32.564	37.196	27.58	.322	1461.2	909
937	-.639	-.676	1.967	34.579	27.817	30.209	32.569	37.204	27.07	.332	1461.3	946

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 17.0S 175 23.4W 569 946 1005.4 290 11 1.8 0 0 0 438 31DEC76 NW 77 2 70

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-1.42	-1.42	0.45	34.099	27.46	29.86	7.79	54	1.85			C7	2	70
43	-1.67	-1.67	0.24	34.221	27.56	29.97	7.20					C7	2	70
61	-1.68	-1.68	0.25	34.319	27.64	30.05	6.65	61	2.01			C7	2	70
98	-1.12	-1.12	0.84	34.377	27.67	30.07	6.29						2	70
127	-0.11	-0.11	1.88	34.477	27.71	30.09	5.42	75	2.17			C7	2	70
176	0.47	0.46	2.50	34.536	27.73	30.10	5.27					C7	2	70
275	1.27	1.26	3.38	34.617	27.74	30.10	4.56	90	2.15			D6C8	2	70
449	1.37	1.35	3.61	34.673	27.78	30.14	4.50			-0.03			2	70
552	1.17	1.14	3.49	34.692	27.81	30.17	4.85	100	2.16			C7	2	70
602	-0.17	-0.19	2.18	34.593	27.81	30.19	5.39			-0.29			2	70
895	-0.55	-0.59	2.03	34.584	27.82	30.21	5.32	88	2.17	-0.36		D2C7	2	70
928	-0.68	-0.72	1.92	34.578	27.82	30.21	6.06	86	2.17	-0.41			2	70

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.417	-1.417	.451	34.094	27.453	29.857	32.231	36.891	63.77	0.000	1441.5	0
10	-1.443	-1.444	.432	34.097	27.456	29.860	32.235	36.896	63.40	.006	1441.5	10
20	-1.486	-1.486	.398	34.104	27.463	29.868	32.243	36.906	62.68	.013	1441.5	20
30	-1.637	-1.637	.259	34.190	27.537	29.944	32.321	36.987	55.61	.019	1441.1	30
40	-1.705	-1.706	.203	34.281	27.613	30.020	32.398	37.066	48.38	.024	1441.0	40
50	-1.724	-1.725	.194	34.315	27.641	30.049	32.426	37.094	45.67	.028	1441.1	50
60	-1.688	-1.689	.239	34.322	27.645	30.053	32.430	37.097	45.18	.033	1441.5	60
70	-1.459	-1.461	.475	34.332	27.647	30.051	32.425	37.084	44.97	.038	1442.8	71
80	-1.296	-1.298	.647	34.353	27.659	30.060	32.431	37.086	43.82	.042	1443.7	81
90	-1.198	-1.160	.794	34.370	27.668	30.067	32.436	37.086	42.99	.046	1444.5	91
100	-.717	-.720	1.244	34.405	27.680	30.072	32.434	37.071	41.92	.051	1446.8	101
125	-.127	-.131	1.857	34.471	27.706	30.089	32.442	37.061	39.61	.061	1450.0	126
150	.298	.292	2.303	34.516	27.721	30.097	32.443	37.049	38.41	.070	1452.5	151
175	.446	.438	2.471	34.534	27.726	30.100	32.444	37.046	37.94	.080	1453.6	176
200	.659	.650	2.705	34.562	27.737	30.107	32.448	37.044	37.11	.089	1455.0	202
225	.769	.759	2.835	34.575	27.740	30.109	32.448	37.041	36.88	.099	1455.9	227
250	.941	.930	3.027	34.598	27.747	30.114	32.451	37.038	36.33	.108	1457.1	252
275	1.275	1.262	3.382	34.621	27.743	30.105	32.437	37.015	37.03	.117	1459.1	277
300	1.365	1.349	3.492	34.649	27.760	30.120	32.451	37.026	35.63	.126	1459.9	302
325	1.427	1.411	3.574	34.662	27.766	30.126	32.455	37.029	35.19	.135	1460.6	328
350	1.413	1.395	3.579	34.661	27.766	30.126	32.456	37.030	35.21	.144	1461.0	353
375	1.412	1.393	3.597	34.678	27.780	30.140	32.470	37.043	34.03	.152	1461.4	378
400	1.410	1.390	3.615	34.677	27.779	30.139	32.469	37.043	34.17	.161	1461.8	403
425	1.391	1.369	3.614	34.675	27.779	30.139	32.470	37.044	34.25	.169	1462.1	429
450	1.306	1.283	3.548	34.664	27.776	30.138	32.470	37.046	34.47	.178	1462.2	454
475	1.285	1.260	3.545	34.664	27.778	30.140	32.472	37.050	34.36	.187	1462.5	479
500	1.154	1.129	3.435	34.670	27.791	30.156	32.489	37.070	33.00	.195	1462.3	504
550	.953	.926	3.271	34.664	27.799	30.167	32.503	37.090	32.05	.211	1462.2	555
600	-.129	-.153	2.222	34.586	27.799	30.182	32.535	37.154	30.40	.227	1458.1	605
650	-.040	-.067	2.350	34.600	27.806	30.188	32.540	37.155	29.86	.242	1459.3	656
700	-.095	-.125	2.332	34.598	27.807	30.191	32.543	37.160	29.58	.257	1459.9	706
750	-.322	-.352	2.143	34.576	27.801	30.187	32.543	37.168	29.69	.272	1459.7	757
800	-.354	-.386	2.149	34.587	27.811	30.198	32.554	37.179	28.62	.286	1460.4	808
850	-.475	-.508	2.066	34.580	27.811	30.200	32.558	37.187	28.24	.300	1460.7	858
900	-.608	-.643	1.970	34.579	27.816	30.207	32.567	37.200	27.36	.314	1460.9	909



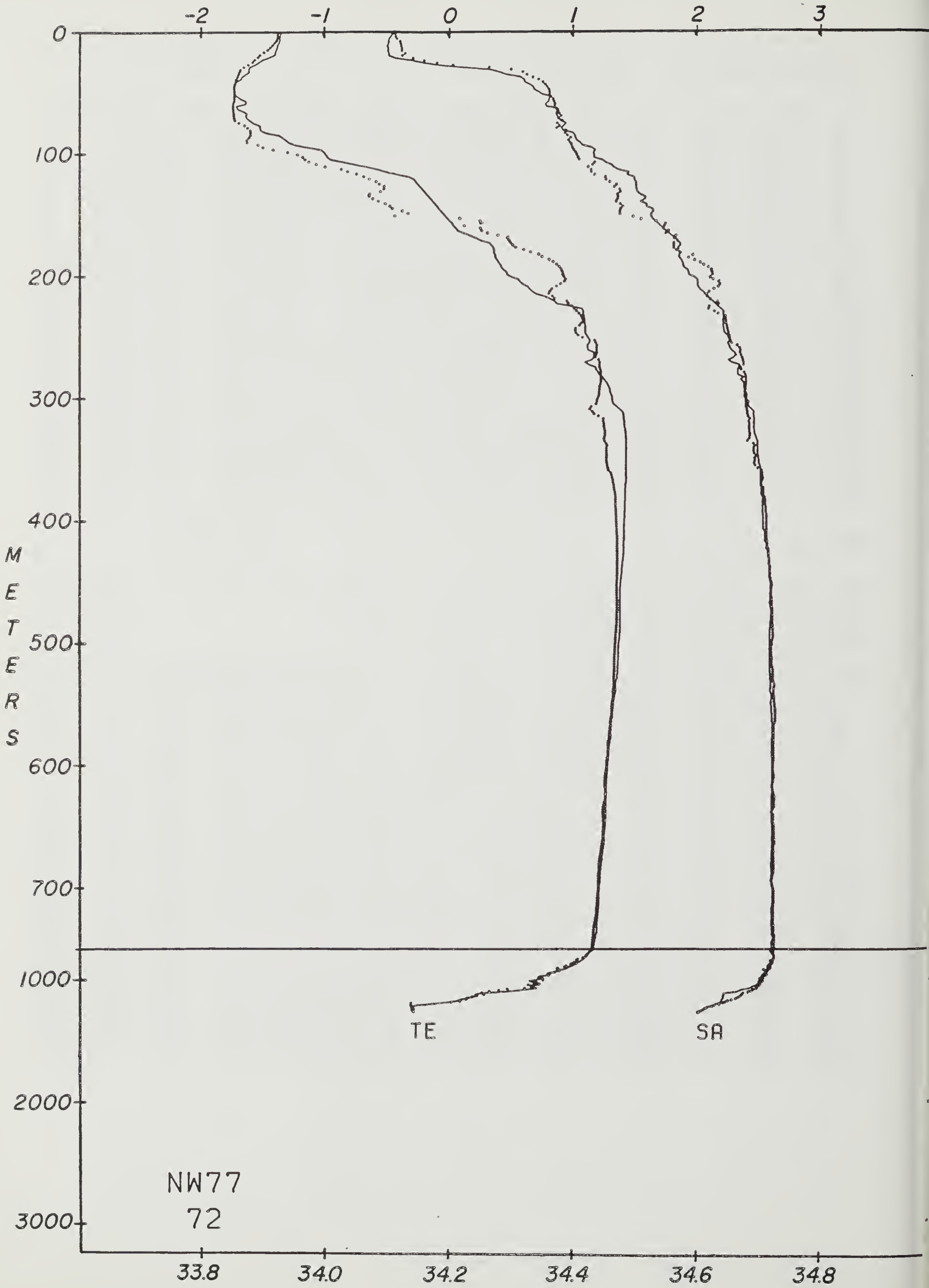
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 18.7S 175 28.9W 569 689 1005.2 290 10 2.2 0 0 0 512 31DEC76 NW 77 1 71

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.420	-1.420	.452	34.159	27.506	29.909	32.283	36.943	58.77	0.000	1441.5	0
10	-1.496	-1.496	.383	34.159	27.508	29.912	32.288	36.950	58.50	.006	1441.3	10
20	-1.539	-1.540	.347	34.158	27.509	29.914	32.290	36.954	58.34	.012	1441.3	20
30	-1.656	-1.656	.242	34.220	27.562	29.969	32.346	37.013	53.25	.017	1441.0	30
40	-1.721	-1.722	.190	34.313	27.639	30.047	32.425	37.093	45.85	.022	1441.0	40
50	-1.748	-1.749	.172	34.343	27.664	30.072	32.450	37.119	43.48	.027	1441.1	50
60	-1.752	-1.753	.176	34.347	27.667	30.076	32.454	37.122	43.08	.031	1441.2	60
70	-1.751	-1.753	.184	34.351	27.671	30.079	32.457	37.125	42.72	.035	1441.4	71
80	-1.745	-1.746	.199	34.357	27.675	30.083	32.461	37.129	42.24	.040	1441.6	81
90	-1.754	-1.756	.197	34.360	27.678	30.086	32.464	37.132	41.93	.044	1441.7	91
100	-1.761	-1.763	.198	34.360	27.678	30.087	32.465	37.134	41.80	.048	1441.9	101
125	-1.756	-1.759	.223	34.375	27.690	30.098	32.477	37.145	40.52	.058	1442.3	126
150	-1.574	-1.577	.425	34.397	27.703	30.108	32.483	37.146	39.24	.068	1443.6	151
175	-.765	-.771	1.255	34.446	27.715	30.107	32.470	37.108	38.40	.078	1447.9	176
200	-.696	-.702	1.343	34.430	27.699	30.091	32.452	37.088	39.88	.088	1448.6	202
225	-1.219	-1.225	.840	34.443	27.730	30.129	32.499	37.150	36.60	.097	1446.6	227
250	-1.215	-1.222	.862	34.439	27.726	30.125	32.495	37.147	36.35	.106	1447.0	252
275	-1.244	-1.251	.855	34.475	27.756	30.156	32.526	37.179	33.83	.115	1447.4	277
300	-.943	-.952	1.175	34.483	27.752	30.147	32.512	37.156	34.41	.124	1449.2	302
325	-.719	-.730	1.419	34.511	27.765	30.157	32.519	37.155	33.28	.132	1450.7	328
350	-.956	-.967	1.201	34.513	27.777	30.172	32.537	37.180	31.92	.140	1450.0	353
375	-.905	-.917	1.272	34.540	27.797	30.192	32.556	37.197	29.98	.148	1450.7	378
400	-.763	-.776	1.435	34.561	27.807	30.200	32.562	37.199	29.07	.156	1451.8	403
425	-.599	-.614	1.619	34.580	27.817	30.206	32.566	37.199	28.35	.163	1453.0	429
450	-.590	-.605	1.648	34.583	27.818	30.208	32.567	37.199	28.16	.170	1453.5	454
475	-.601	-.617	1.656	34.584	27.819	30.210	32.569	37.201	27.96	.177	1453.8	479
500	-.591	-.609	1.685	34.590	27.824	30.214	32.573	37.205	27.52	.184	1454.3	504
550	-.524	-.544	1.790	34.593	27.824	30.213	32.571	37.202	27.51	.197	1455.4	555
600	-.536	-.558	1.816	34.594	27.825	30.214	32.573	37.203	27.31	.211	1456.2	605
650	-.492	-.516	1.898	34.600	27.828	30.217	32.575	37.204	26.97	.225	1457.3	656
683	-.501	-.527	1.914	34.600	27.828	30.217	32.575	37.204	26.91	.234	1457.8	689

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 19.2S 175 29.5W 569 689 1005.0 290 9 2.2 0 0 0 605 31DEC76 NW 77 2 71

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
159	-0.69	-0.70	1.32	34.437	27.70	30.10	6.02	71				C7D1	2	71
211	-1.28	-1.29	0.77	34.428	27.72	30.12	6.60	68				C7	2	71
249	-1.42	-1.43	0.66	34.447	27.74	30.14	6.78	68				C7	2	71
278	-0.44	-0.45	1.66	34.523	27.76	30.15	5.93	77				C7D1	2	71
316	-0.61	-0.62	1.52	34.527	27.77	30.16	6.07	78				C7D1	2	71

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.435	-1.435	.437	34.170	27.515	29.919	32.293	36.953	57.88	0.000	1441.5	0
10	-1.493	-1.493	.387	34.174	27.520	29.925	32.300	36.962	57.35	.006	1441.4	10
20	-1.593	-1.594	.295	34.183	27.531	29.937	32.313	36.978	56.28	.011	1441.1	20
30	-1.665	-1.666	.233	34.227	27.568	29.975	32.352	37.019	52.68	.017	1441.0	30
40	-1.739	-1.740	.172	34.317	27.643	30.051	32.429	37.097	45.56	.022	1440.9	40
50	-1.750	-1.751	.170	34.342	27.663	30.071	32.449	37.118	43.54	.026	1441.1	50
60	-1.750	-1.751	.178	34.348	27.668	30.077	32.454	37.123	42.98	.031	1441.2	60
70	-1.748	-1.749	.188	34.352	27.672	30.080	32.458	37.126	42.62	.035	1441.4	71
80	-1.735	-1.737	.208	34.355	27.673	30.081	32.459	37.127	42.42	.039	1441.6	81
90	-1.720	-1.722	.231	34.357	27.674	30.082	32.460	37.127	42.24	.043	1441.9	91
100	-1.700	-1.702	.259	34.356	27.674	30.081	32.458	37.125	42.27	.048	1442.1	101
125	-1.300	-1.303	.678	34.367	27.670	30.071	32.443	37.097	42.57	.058	1444.5	126
150	-.842	-.846	1.157	34.394	27.676	30.069	32.433	37.074	42.17	.069	1447.0	151
175	-1.150	-1.155	.869	34.418	27.707	30.106	32.474	37.124	38.95	.079	1446.1	176
200	-1.387	-1.392	.650	34.406	27.705	30.107	32.479	37.137	38.93	.089	1445.3	202
225	-1.432	-1.437	.625	34.421	27.718	30.122	32.494	37.153	37.50	.098	1445.6	227
250	-1.442	-1.449	.635	34.440	27.734	30.137	32.510	37.169	35.90	.107	1446.0	252
275	-.385	-.394	1.713	34.465	27.714	30.101	32.457	37.084	38.53	.117	1451.3	277
300	-1.131	-1.140	.987	34.490	27.764	30.162	32.531	37.179	33.09	.126	1448.3	302
325	-.632	-.643	1.505	34.488	27.743	30.134	32.494	37.128	35.45	.134	1451.0	328
350	-.881	-.892	1.275	34.499	27.763	30.157	32.521	37.162	33.31	.143	1450.3	353
375	-.846	-.858	1.331	34.519	27.777	30.171	32.534	37.174	31.91	.151	1450.9	378
400	-.751	-.765	1.444	34.508	27.764	30.157	32.519	37.156	33.13	.159	1451.8	403
425	-.620	-.635	1.598	34.580	27.817	30.208	32.568	37.200	28.24	.167	1452.9	429
450	-.657	-.673	1.580	34.580	27.819	30.210	32.570	37.204	28.01	.174	1453.1	454
475	-.633	-.650	1.623	34.584	27.821	30.211	32.571	37.205	27.77	.181	1453.7	479
500	-.581	-.599	1.694	34.590	27.823	30.213	32.572	37.204	27.57	.188	1454.3	504
550	-.525	-.546	1.788	34.596	27.826	30.215	32.573	37.204	27.31	.201	1455.4	555
600	-.511	-.533	1.841	34.598	27.827	30.216	32.574	37.204	27.16	.215	1456.3	605
650	-.502	-.526	1.888	34.595	27.824	30.213	32.571	37.201	27.31	.229	1457.2	656
682	-.501	-.527	1.913	34.600	27.828	30.217	32.575	37.205	26.91	.237	1457.7	688



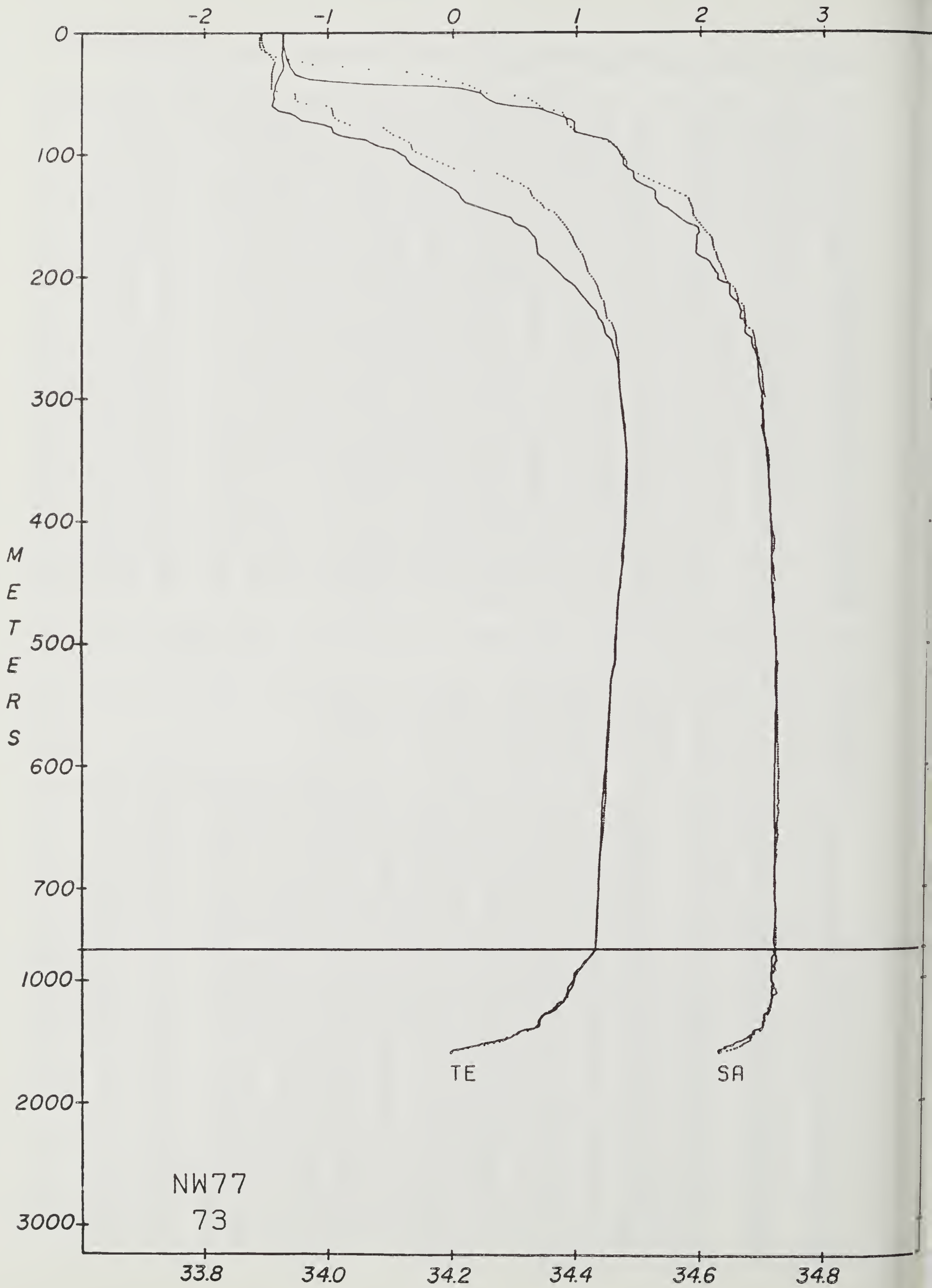
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
75 15.7S	175 10.3W	569	1266	1004.6	290	6	1.1	0		0	16	658	31DEC	76	NW	77	1	72

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.328	-1.328	.541	34.111	27.464	29.866	32.239	36.896	62.72	0.000	1441.9	0
10	-1.358	-1.358	.518	34.103	27.458	29.861	32.235	36.893	63.18	.006	1441.9	10
20	-1.402	-1.403	.481	34.108	27.464	29.867	32.241	36.901	62.62	.013	1441.9	20
30	-1.586	-1.587	.312	34.226	27.565	29.971	32.347	37.011	52.99	.018	1441.3	30
40	-1.672	-1.673	.239	34.324	27.646	30.053	32.430	37.097	45.19	.023	1441.2	40
50	-1.719	-1.720	.201	34.346	27.666	30.074	32.451	37.119	43.26	.028	1441.2	50
60	-1.635	-1.636	.294	34.359	27.674	30.080	32.456	37.122	42.48	.032	1441.8	60
70	-1.621	-1.622	.316	34.376	27.687	30.093	32.469	37.134	41.15	.036	1442.1	71
80	-1.506	-1.508	.439	34.385	27.692	30.096	32.470	37.131	40.72	.040	1442.8	81
90	-1.297	-1.299	.657	34.410	27.705	30.106	32.476	37.131	39.48	.044	1444.0	91
100	-.990	-.993	.973	34.436	27.716	30.112	32.478	37.122	38.50	.048	1445.6	101
125	-.250	-.255	1.736	34.504	27.739	30.124	32.478	37.101	36.44	.058	1449.5	126
150	-.034	-.040	1.972	34.529	27.749	30.130	32.481	37.097	35.61	.067	1451.0	151
175	.347	.340	2.375	34.576	27.766	30.141	32.486	37.091	34.20	.075	1453.2	176
200	.487	.478	2.535	34.591	27.770	30.144	32.487	37.087	33.84	.084	1454.2	202
225	.941	.930	3.010	34.635	27.777	30.144	32.480	37.067	33.50	.092	1456.8	227
250	1.125	1.113	3.214	34.653	27.779	30.143	32.477	37.059	33.46	.101	1458.0	252
275	1.170	1.157	3.280	34.671	27.791	30.154	32.487	37.068	32.46	.109	1458.7	277
300	1.326	1.311	3.455	34.683	27.790	30.151	32.482	37.058	32.74	.117	1459.8	302
325	1.430	1.413	3.578	34.695	27.792	30.151	32.481	37.054	32.74	.125	1460.7	328
350	1.440	1.422	3.608	34.701	27.796	30.156	32.485	37.058	32.40	.133	1461.2	353
375	1.434	1.414	3.621	34.707	27.801	30.161	32.490	37.063	32.04	.141	1461.5	378
400	1.426	1.405	3.632	34.710	27.804	30.164	32.493	37.067	31.84	.149	1461.9	403
425	1.421	1.399	3.646	34.716	27.809	30.170	32.499	37.072	31.41	.157	1462.3	429
450	1.394	1.371	3.639	34.724	27.818	30.178	32.508	37.082	30.69	.165	1462.6	454
475	1.391	1.366	3.655	34.722	27.817	30.178	32.508	37.081	30.84	.173	1463.0	479
500	1.380	1.354	3.663	34.720	27.815	30.176	32.506	37.081	31.04	.180	1463.4	504
550	1.335	1.306	3.656	34.722	27.820	30.182	32.513	37.089	30.66	.196	1464.0	555
600	1.288	1.257	3.648	34.725	27.826	30.189	32.520	37.097	30.23	.211	1464.7	605
650	1.268	1.234	3.665	34.725	27.827	30.190	32.522	37.100	30.21	.226	1465.4	656
700	1.220	1.183	3.655	34.725	27.831	30.195	32.528	37.107	29.91	.241	1466.0	706
750	1.177	1.138	3.650	34.723	27.832	30.197	32.531	37.111	29.83	.256	1466.7	757
800	1.118	1.076	3.629	34.728	27.840	30.206	32.540	37.122	29.13	.271	1467.2	808
850	1.067	1.022	3.616	34.727	27.842	30.210	32.544	37.128	28.89	.285	1467.8	858
900	.971	.924	3.558	34.723	27.846	30.214	32.551	37.137	28.46	.300	1468.2	909
950	.797	.748	3.421	34.716	27.851	30.223	32.562	37.153	27.60	.314	1468.3	959
1000	.728	.676	3.389	34.705	27.847	30.219	32.559	37.153	27.94	.328	1468.8	1010
1100	.441	.387	3.176	34.656	27.825	30.202	32.546	37.148	29.27	.356	1469.1	1111
1200	-.130	-.185	2.679	34.631	27.835	30.221	32.573	37.193	26.47	.384	1468.2	1212
1258	-.294	-.350	2.558	34.606	27.823	30.211	32.567	37.191	26.97	.400	1468.4	1271

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
75 15.5S	175 5.8W	569	1266	1004.2	300	6	-0.3	0		0	0	845	31DEC	76	NW	77	2	72

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
284	1.24	1.23	3.36	34.682	27.79	30.16		90				C8	2	72
751	1.16	1.12	3.63	34.727	27.84	30.20	4.44	108				C7	2	72
1056	0.68	0.63	3.38	34.702	27.85	30.22	4.75	111				C7	2	72
1160	0.15	0.09	2.93	34.657	27.84	30.22	5.08	103					2	72
1224	-0.27	-0.33	2.56	34.617	27.83	30.22	5.62	97					2	72
1264	-0.30	-0.36	2.56	34.605	27.82	30.21		95			0.18	C1	2	72

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.350	-1.350	.519	34.115	27.468	29.870	32.243	36.902	62.35	0.000	1441.8	0
10	-1.396	-1.396	.481	34.123	27.476	29.880	32.253	36.913	61.49	.006	1441.8	10
20	-1.515	-1.516	.370	34.132	27.487	29.892	32.267	36.931	60.44	.012	1441.4	20
30	-1.647	-1.647	.253	34.265	27.598	30.005	32.382	37.048	49.81	.018	1441.1	30
40	-1.704	-1.705	.208	34.347	27.666	30.073	32.451	37.118	43.34	.022	1441.1	40
50	-1.720	-1.721	.201	34.365	27.681	30.089	32.466	37.133	41.85	.027	1441.2	50
60	-1.729	-1.731	.200	34.373	27.688	30.096	32.473	37.141	41.16	.031	1441.4	60
70	-1.724	-1.726	.213	34.381	27.694	30.102	32.479	37.147	40.49	.035	1441.6	71
80	-1.614	-1.616	.331	34.379	27.689	30.095	32.471	37.135	40.92	.039	1442.3	81
90	-1.619	-1.621	.335	34.395	27.703	30.109	32.485	37.149	39.56	.043	1442.4	91
100	-1.298	-1.300	.663	34.407	27.703	30.103	32.474	37.129	39.65	.047	1444.1	101
125	-.564	-.568	1.420	34.469	27.725	30.114	32.474	37.106	37.68	.057	1448.0	126
150	-.338	-.343	1.665	34.481	27.725	30.110	32.466	37.091	37.76	.066	1449.5	151
175	.514	.506	2.541	34.565	27.747	30.120	32.463	37.063	36.01	.075	1453.9	176
200	.931	.921	2.980	34.626	27.771	30.138	32.474	37.062	34.02	.084	1456.3	202
225	.983	.972	3.052	34.632	27.772	30.138	32.474	37.060	33.98	.093	1457.0	227
250	1.053	1.041	3.143	34.655	27.786	30.151	32.486	37.070	32.80	.101	1457.7	252
275	1.222	1.209	3.332	34.675	27.791	30.154	32.486	37.065	32.51	.109	1458.9	277
300	1.214	1.200	3.343	34.680	27.795	30.158	32.490	37.069	32.17	.117	1459.3	302
325	1.259	1.243	3.408	34.687	27.797	30.159	32.491	37.069	32.08	.125	1459.9	328
350	1.279	1.261	3.446	34.696	27.803	30.165	32.497	37.074	31.61	.133	1460.4	353
375	1.342	1.323	3.529	34.710	27.810	30.171	32.501	37.077	31.11	.141	1461.1	378
400	1.357	1.337	3.564	34.715	27.813	30.174	32.504	37.079	30.93	.149	1461.6	403
425	1.365	1.343	3.591	34.718	27.815	30.176	32.506	37.081	30.84	.156	1462.1	429
450	1.362	1.338	3.607	34.721	27.817	30.179	32.509	37.084	30.66	.164	1462.5	454
475	1.362	1.338	3.626	34.724	27.820	30.181	32.511	37.086	30.52	.172	1462.9	479
500	1.346	1.320	3.630	34.723	27.820	30.182	32.512	37.088	30.52	.179	1463.3	504
550	1.322	1.293	3.643	34.728	27.826	30.188	32.519	37.095	30.13	.195	1464.0	555
600	1.280	1.249	3.640	34.725	27.826	30.189	32.521	37.098	30.17	.210	1464.6	605
650	1.253	1.219	3.650	34.727	27.830	30.193	32.526	37.104	29.94	.225	1465.3	656
700	1.211	1.174	3.646	34.726	27.832	30.196	32.529	37.108	29.81	.240	1466.0	706
750	1.164	1.125	3.637	34.727	27.837	30.202	32.535	37.116	29.40	.254	1466.6	757
800	1.120	1.087	3.641	34.728	27.839	30.205	32.539	37.121	29.23	.269	1467.3	808
850	1.043	.998	3.591	34.723	27.841	30.208	32.543	37.128	28.99	.284	1467.7	858
900	.911	.864	3.498	34.719	27.847	30.216	32.553	37.142	28.21	.298	1468.0	909
950	.826	.777	3.450	34.711	27.846	30.216	32.555	37.146	28.22	.312	1468.4	959
1000	.774	.722	3.435	34.708	27.846	30.218	32.557	37.150	28.10	.326	1469.0	1010



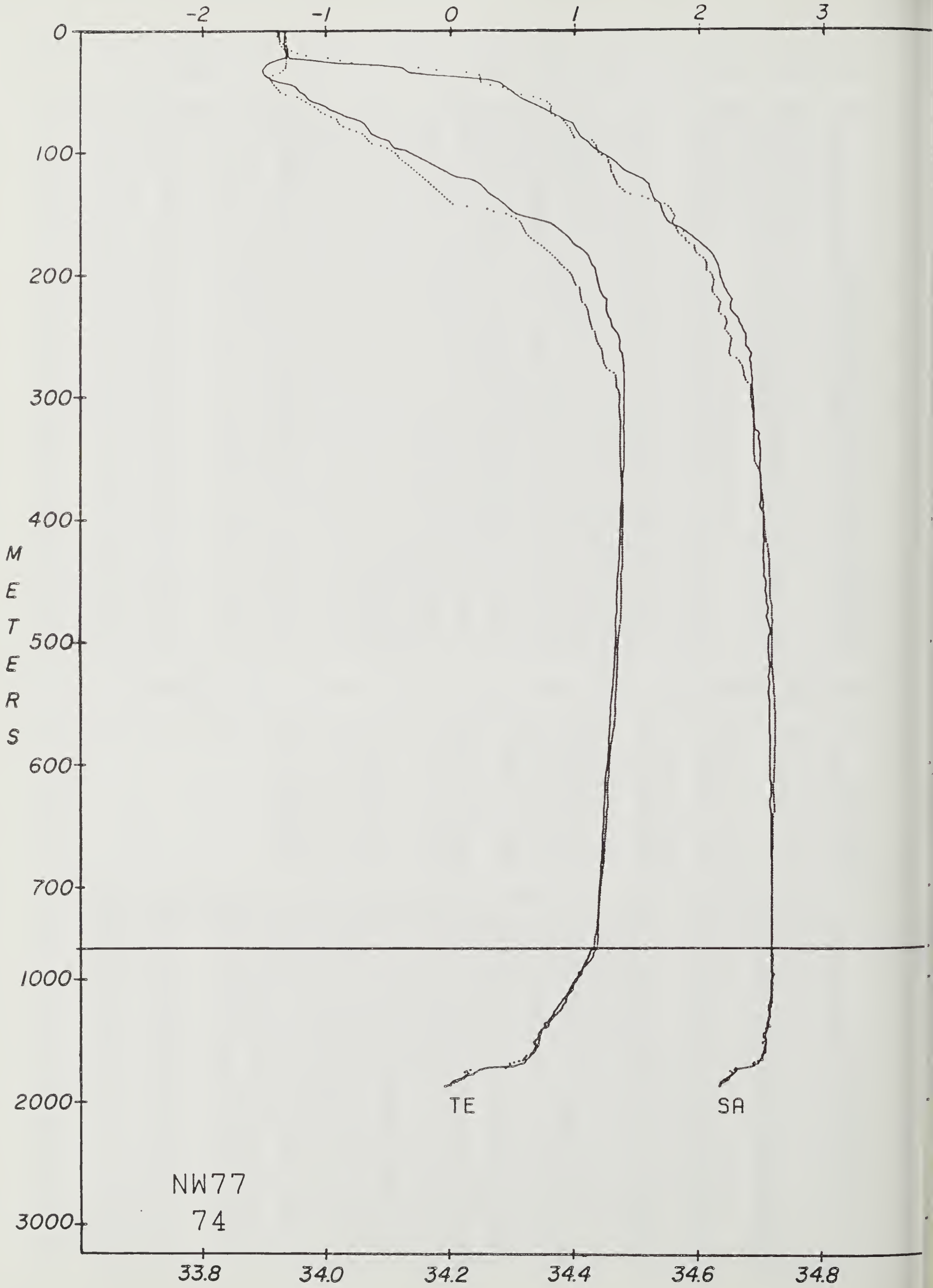
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 2.8S 174 30.5W 569 1600 1003.9 300 7 0.6 0 0 11 1017 31DEC76 NW 77 1 73

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.363	-1.363	.495	33.926	27.316	29.719	32.093	36.754	76.76	0.000	1441.5	0
10	-1.369	-1.369	.497	33.927	27.316	29.720	32.094	36.755	76.64	.008	1441.6	10
20	-1.374	-1.375	.499	33.932	27.321	29.725	32.099	36.760	76.16	.015	1441.8	20
30	-1.369	-1.370	.513	33.941	27.328	29.732	32.105	36.766	75.44	.023	1442.0	30
40	-1.417	-1.418	.476	34.009	27.385	29.789	32.163	36.825	70.00	.030	1442.0	40
50	-1.444	-1.445	.470	34.244	27.576	29.979	32.353	37.013	51.87	.036	1442.4	50
60	-1.451	-1.453	.473	34.296	27.617	30.021	32.395	37.055	47.86	.041	1442.6	60
70	-1.241	-1.243	.696	34.382	27.681	30.081	32.450	37.103	41.88	.046	1443.8	71
80	-.965	-.967	.981	34.397	27.683	30.079	32.445	37.089	41.63	.050	1445.3	81
90	-.661	-.664	1.296	34.456	27.719	30.110	32.471	37.105	38.31	.054	1447.0	91
100	-.412	-.415	1.554	34.472	27.721	30.107	32.465	37.092	38.20	.058	1448.3	101
125	-.059	-.064	1.927	34.510	27.734	30.116	32.467	37.084	36.99	.067	1450.4	126
150	.413	.406	2.421	34.563	27.752	30.126	32.470	37.073	35.52	.076	1453.0	151
175	.681	.673	2.710	34.594	27.761	30.131	32.471	37.066	34.80	.085	1454.7	176
200	.892	.883	2.942	34.629	27.776	30.143	32.480	37.069	33.54	.094	1456.1	202
225	1.129	1.118	3.200	34.665	27.789	30.153	32.486	37.068	32.50	.102	1457.7	227
250	1.267	1.255	3.359	34.683	27.794	30.155	32.487	37.065	32.18	.110	1458.7	252
275	1.343	1.330	3.454	34.695	27.798	30.159	32.489	37.065	31.94	.118	1459.5	277
300	1.370	1.355	3.500	34.701	27.801	30.161	32.492	37.066	31.74	.126	1460.0	302
325	1.399	1.383	3.549	34.704	27.802	30.162	32.492	37.065	31.78	.134	1460.6	328
350	1.408	1.390	3.577	34.710	27.805	30.165	32.495	37.069	31.54	.142	1461.0	353
375	1.399	1.380	3.587	34.713	27.809	30.169	32.499	37.073	31.27	.150	1461.4	378
400	1.392	1.371	3.599	34.715	27.811	30.172	32.501	37.076	31.14	.157	1461.8	403
425	1.384	1.362	3.610	34.717	27.813	30.174	32.504	37.078	31.02	.165	1462.2	429
450	1.357	1.334	3.602	34.718	27.815	30.177	32.507	37.082	30.86	.173	1462.5	454
475	1.339	1.314	3.603	34.721	27.820	30.181	32.512	37.087	30.50	.181	1462.8	479
500	1.324	1.298	3.608	34.724	27.823	30.185	32.515	37.091	30.28	.188	1463.2	504
550	1.270	1.242	3.592	34.725	27.827	30.190	32.522	37.100	29.89	.203	1463.7	555
600	1.240	1.209	3.600	34.722	27.827	30.191	32.523	37.102	30.02	.218	1464.4	605
650	1.206	1.172	3.603	34.722	27.830	30.194	32.526	37.106	29.87	.233	1465.1	656
700	1.184	1.147	3.619	34.723	27.832	30.196	32.529	37.110	29.78	.248	1465.9	706
750	1.159	1.119	3.632	34.724	27.834	30.200	32.533	37.114	29.62	.263	1466.6	757
800	1.127	1.085	3.638	34.720	27.833	30.199	32.533	37.115	29.78	.278	1467.3	808
850	1.084	1.040	3.633	34.718	27.835	30.201	32.536	37.119	29.67	.293	1467.9	858
900	1.049	1.001	3.635	34.718	27.837	30.205	32.540	37.124	29.48	.307	1468.6	909
950	1.013	.962	3.637	34.718	27.839	30.208	32.543	37.129	29.27	.322	1469.3	959
1000	.985	.932	3.647	34.718	27.841	30.210	32.546	37.133	29.14	.337	1470.0	1010
1100	.933	.874	3.672	34.728	27.852	30.222	32.559	37.147	28.18	.365	1471.4	1111
1200	.878	.813	3.692	34.717	27.847	30.219	32.557	37.146	28.64	.394	1472.8	1212
1300	.733	.663	3.623	34.706	27.848	30.221	32.562	37.156	28.29	.422	1473.9	1314
1400	.644	.569	3.609	34.697	27.846	30.221	32.563	37.160	28.24	.450	1475.1	1415
1500	.358	.279	3.397	34.666	27.837	30.217	32.563	37.168	28.01	.479	1475.5	1517
1598	-.010	-.091	3.101	34.633	27.831	30.216	32.568	37.184	27.01	.506	1475.5	1616

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 3.2S 174 32.2W 569 1600 1003.1 300 8 -0.1 0 0 0 1217 31DEC76 NW 77 2 73

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.54	-1.54	0.32	33.888	27.29	29.70	7.91	57	1.86			C7	2	73
11	-1.54	-1.54	0.32	33.891	27.29	29.70	7.93	58	1.84				2	73
35	-1.46	-1.46	0.44	34.165	27.51	29.92	7.32	62	1.97			C7	2	73
104	-0.19	-0.19	1.78	34.482	27.72	30.10	5.46	80	2.22				2	73
250	1.33	1.32	3.42	34.685	27.79	30.15	4.48	93	2.28			C7	2	73
390	1.41	1.39	3.61	34.715	27.81	30.17	4.45	97	2.28				2	73
773	1.14	1.10	3.63	34.723	27.83	30.20	4.64	109	2.28			C7	2	73
999	0.99	0.94	3.65	34.719	27.84	30.21	4.55	113	2.28				2	73
1297	0.73	0.66	3.62	34.708	27.85	30.22	4.80	116	2.32			C7	2	73
1488	0.41	0.33	3.44	34.684	27.85	30.23	5.05	109	2.27				2	73
1597	-0.12	-0.20	2.99	34.633	27.84	30.22	5.44	97	2.13				2	73

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.540	-1.540	.316	33.890	27.292	29.698	32.075	36.741	79.04	0.000	1440.6	0
10	-1.529	-1.529	.334	33.890	27.291	29.697	32.074	36.740	79.06	.008	1440.8	10
20	-1.461	-1.462	.411	33.918	27.312	29.717	32.093	36.756	77.00	.016	1441.3	20
30	-1.449	-1.450	.440	34.070	27.435	29.839	32.214	36.876	65.33	.023	1441.8	30
40	-1.458	-1.459	.446	34.193	27.524	29.938	32.313	36.974	55.83	.029	1442.1	40
50	-1.293	-1.294	.623	34.262	27.585	29.986	32.357	37.013	51.00	.034	1443.1	50
60	-1.037	-1.039	.890	34.342	27.641	30.038	32.405	37.052	45.71	.039	1444.6	60
70	-.940	-.942	.998	34.382	27.670	30.066	32.431	37.075	42.91	.043	1445.3	71
80	-.526	-.529	1.419	34.396	27.665	30.053	32.413	37.044	43.52	.048	1447.4	81
90	-.351	-.354	1.605	34.453	27.703	30.089	32.445	37.071	39.91	.052	1448.4	91
100	-.251	-.254	1.715	34.475	27.716	30.100	32.455	37.077	38.71	.056	1449.1	101
125	.569	.563	2.557	34.540	27.724	30.096	32.438	37.036	38.21	.066	1453.0	126
150	.844	.837	2.854	34.591	27.748	30.116	32.454	37.044	36.07	.075	1455.0	151
175	1.002	.994	3.033	34.622	27.763	30.128	32.464	37.049	34.78	.084	1456.2	176
200	1.128	1.119	3.179	34.641	27.770	30.133	32.467	37.049	34.25	.092	1457.2	202
225	1.235	1.225	3.307	34.672	27.787	30.149	32.481	37.060	32.75	.101	1458.1	227
250	1.327	1.315	3.418	34.690	27.795	30.156	32.487	37.062	32.13	.109	1459.0	252
275	1.350	1.336	3.461	34.700	27.802	30.162	32.493	37.068	31.58	.117	1459.5	277
300	1.364	1.349	3.495	34.702	27.802	30.163	32.493	37.068	31.60	.125	1460.0	302
325	1.393	1.377	3.543	34.702	27.800	30.160	32.490	37.064	31.92	.133	1460.5	328
350	1.414	1.396	3.582	34.713	27.807	30.167	32.496	37.070	31.36	.140	1461.1	353
375	1.412	1.393	3.600	34.714	27.809	30.169	32.498	37.072	31.30	.148	1461.5	378
400	1.403	1.382	3.610	34.717	27.811	30.172	32.501	37.075	31.11	.156	1461.8	403
425	1.370	1.348	3.596	34.719	27.816	30.177	32.506	37.081	30.76	.164	1462.1	429
450	1.363	1.339	3.608	34.721	27.817	30.179	32.509	37.084	30.67	.172	1462.5	454
475	1.333	1.309	3.597	34.721	27.820	30.181	32.512	37.088	30.50	.179	1462.8	479
500	1.316	1.290	3.599	34.725	27.824	30.186	32.517	37.094	30.11	.187	1463.1	504
550	1.274	1.245	3.595	34.726	27.828	30.191	32.523	37.100	29.85	.202	1463.8	555
600	1.248	1.217	3.607	34.729	27.832	30.195	32.527	37.105	29.61	.217	1464.5	605
650	1.224	1.190	3.621	34.727	27.832	30.196	32.528	37.107	29.70	.231	1465.2	656



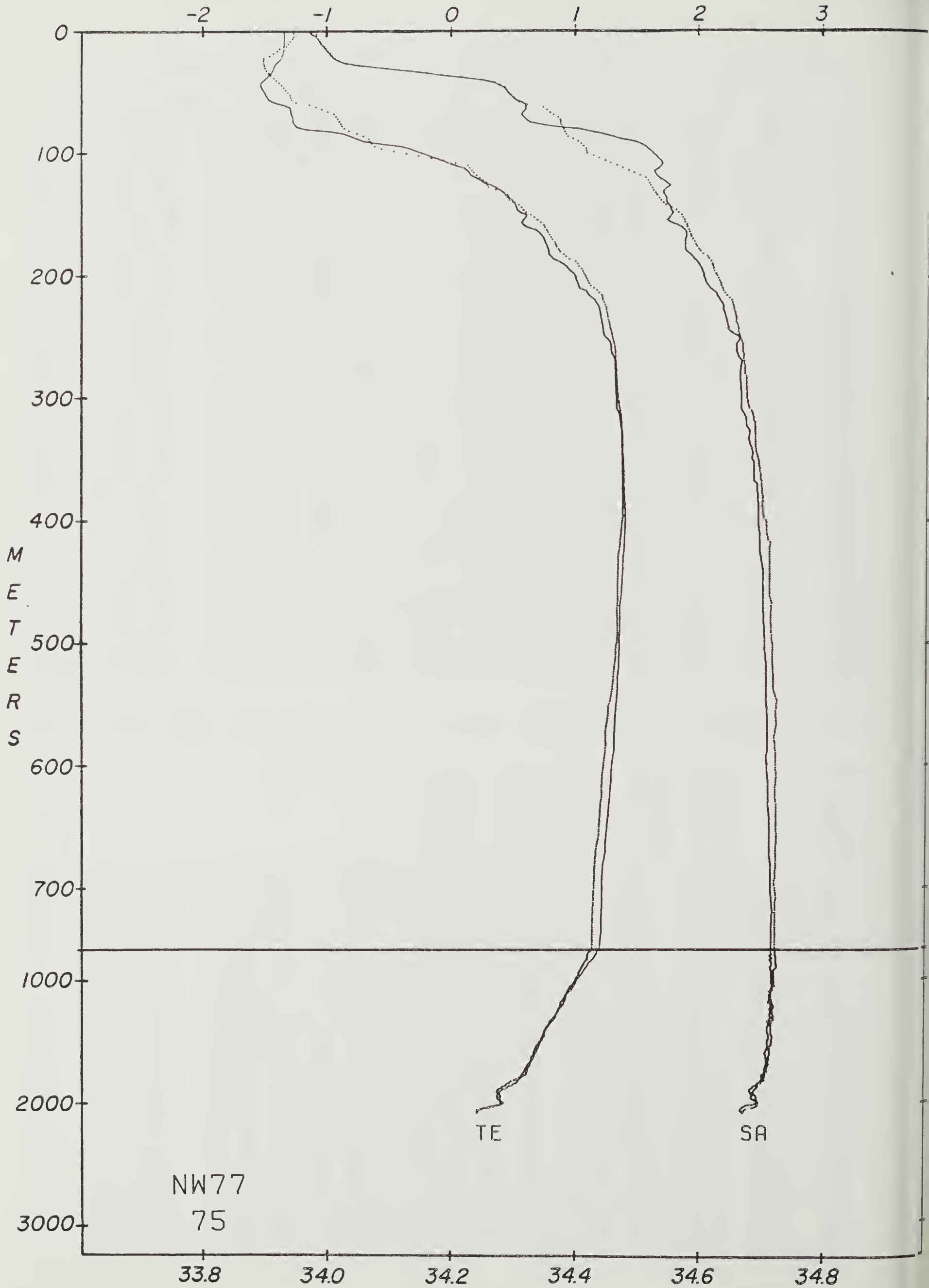
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 0.4S 174 23.1W 569 1877 1002.6 330 3 -0.1 0 0 12 1315 31DEC76 NW 77 1 74

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.322	-1.322	.536	33.932	27.319	29.722	32.096	36.755	76.41	0.000	1441.7	0
10	-1.320	-1.320	.546	33.932	27.319	29.722	32.095	36.755	76.37	.008	1441.9	10
20	-1.312	-1.313	.561	33.938	27.324	29.727	32.100	36.759	75.87	.015	1442.1	20
30	-1.504	-1.505	.387	34.119	27.476	29.881	32.256	36.919	61.44	.022	1441.6	30
40	-1.427	-1.428	.480	34.260	27.588	29.991	32.365	37.024	50.75	.028	1442.3	40
50	-1.205	-1.206	.712	34.301	27.614	30.014	32.384	37.036	48.26	.033	1443.6	50
60	-1.044	-1.045	.883	34.336	27.636	30.033	32.401	37.048	46.14	.037	1444.5	60
70	-.829	-.831	1.107	34.374	27.660	30.053	32.417	37.057	43.95	.042	1445.8	71
80	-.662	-.665	1.284	34.401	27.675	30.066	32.427	37.062	42.53	.046	1446.7	81
90	-.502	-.505	1.452	34.418	27.682	30.070	32.429	37.059	41.89	.050	1447.7	91
100	-.321	-.325	1.642	34.443	27.694	30.079	32.435	37.060	40.78	.055	1448.7	101
125	.229	.224	2.216	34.518	27.726	30.103	32.450	37.058	37.92	.064	1451.7	126
150	.533	.527	2.540	34.543	27.729	30.101	32.444	37.043	37.76	.074	1453.6	151
175	.999	.991	3.029	34.606	27.750	30.115	32.451	37.037	36.00	.083	1456.2	176
200	1.176	1.166	3.226	34.635	27.761	30.124	32.457	37.038	35.07	.092	1457.4	202
225	1.253	1.242	3.323	34.651	27.769	30.131	32.463	37.041	34.41	.101	1458.2	227
250	1.352	1.339	3.443	34.676	27.783	30.143	32.474	37.049	33.31	.109	1459.1	252
275	1.392	1.378	3.502	34.684	27.786	30.146	32.476	37.050	33.07	.117	1459.7	277
300	1.395	1.380	3.524	34.688	27.789	30.149	32.479	37.053	32.91	.126	1460.1	302
325	1.392	1.375	3.540	34.691	27.791	30.152	32.481	37.055	32.76	.134	1460.5	328
350	1.395	1.377	3.563	34.699	27.798	30.158	32.488	37.062	32.21	.142	1461.0	353
375	1.380	1.360	3.567	34.700	27.800	30.161	32.490	37.065	32.10	.150	1461.3	378
400	1.363	1.343	3.569	34.704	27.804	30.165	32.495	37.070	31.75	.158	1461.6	403
425	1.356	1.334	3.581	34.704	27.805	30.166	32.496	37.071	31.77	.166	1462.0	429
450	1.337	1.314	3.581	34.708	27.809	30.171	32.501	37.077	31.39	.174	1462.4	454
475	1.331	1.307	3.595	34.711	27.812	30.174	32.504	37.080	31.22	.182	1462.8	479
500	1.322	1.296	3.605	34.712	27.813	30.175	32.506	37.083	31.14	.189	1463.1	504
550	1.284	1.256	3.605	34.714	27.818	30.180	32.512	37.089	30.83	.205	1463.8	555
600	1.257	1.226	3.616	34.715	27.820	30.184	32.516	37.094	30.68	.220	1464.5	605
650	1.225	1.191	3.622	34.717	27.824	30.188	32.521	37.100	30.41	.236	1465.2	656
700	1.195	1.158	3.629	34.718	27.827	30.192	32.525	37.105	30.22	.251	1465.9	706
750	1.176	1.136	3.649	34.718	27.828	30.194	32.526	37.107	30.19	.266	1466.6	757
800	1.148	1.106	3.659	34.720	27.832	30.198	32.531	37.113	29.93	.281	1467.4	808
850	1.120	1.075	3.669	34.720	27.834	30.200	32.534	37.117	29.83	.296	1468.1	858
900	1.074	1.026	3.660	34.718	27.835	30.203	32.537	37.121	29.69	.311	1468.7	909
950	1.027	.976	3.651	34.718	27.838	30.206	32.542	37.127	29.40	.326	1469.3	959
1000	1.004	.951	3.667	34.718	27.840	30.209	32.544	37.130	29.31	.340	1470.1	1010
1100	.953	.894	3.692	34.718	27.843	30.213	32.550	37.138	29.06	.369	1471.5	1111
1200	.879	.814	3.693	34.718	27.848	30.219	32.557	37.147	28.58	.398	1472.9	1212
1300	.816	.746	3.706	34.715	27.850	30.222	32.561	37.153	28.39	.427	1474.3	1314
1400	.747	.670	3.713	34.709	27.849	30.223	32.563	37.157	28.38	.455	1475.6	1415
1500	.709	.626	3.751	34.709	27.852	30.227	32.567	37.162	28.11	.483	1477.1	1517
1600	.667	.578	3.784	34.704	27.850	30.226	32.568	37.164	28.20	.511	1478.6	1618
1700	.543	.448	3.735	34.690	27.846	30.225	32.568	37.168	28.10	.540	1479.8	1720
1800	.119	.024	3.385	34.648	27.837	30.221	32.571	37.184	27.05	.567	1479.5	1821
1871	-.005	-.104	3.313	34.634	27.832	30.218	32.570	37.187	26.84	.586	1480.1	1893

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 1.5S 174 25.3W 569 1877 1002.0 10 8 -2.8 0 0 0 1511 31DEC76 NW 77 2 74

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.37	-1.37	0.49	33.917	27.31	29.71							2	74
400	1.39	1.37	3.60	34.715	27.81	30.17							2	74
635	1.25	1.22	3.64	34.728	27.83	30.19							2	74
1143	0.92	0.86	3.69	34.716	27.84	30.21							2	74
1736	0.20	0.11	3.42	34.660	27.84	30.22							2	74
1874	-0.06	-0.16	3.26	34.634	27.83	30.22							2	74

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.382	-1.382	.476	33.921	27.312	29.716	32.090	36.752	77.09	0.000	1441.4	0
10	-1.376	-1.376	.490	33.931	27.320	29.724	32.098	36.759	76.31	.008	1441.6	10
20	-1.323	-1.323	.553	33.973	27.353	29.755	32.129	36.788	73.15	.015	1442.1	20
30	-1.334	-1.335	.559	34.143	27.491	29.893	32.266	36.923	60.03	.022	1442.4	30
40	-1.451	-1.452	.456	34.249	27.579	29.983	32.357	37.017	51.57	.027	1442.2	40
50	-1.364	-1.365	.554	34.302	27.620	30.022	32.395	37.052	47.67	.032	1442.8	50
60	-1.127	-1.129	.801	34.360	27.659	30.057	32.426	37.076	43.97	.037	1444.2	60
70	-.959	-.961	.977	34.369	27.661	30.056	32.422	37.066	43.82	.041	1445.1	71
80	-.810	-.813	1.135	34.392	27.673	30.066	32.430	37.070	42.66	.046	1446.0	81
90	-.655	-.657	1.300	34.421	27.690	30.081	32.442	37.077	41.05	.050	1447.0	91
100	-.444	-.447	1.520	34.439	27.696	30.083	32.441	37.070	40.53	.054	1448.1	101
125	-.169	-.174	1.815	34.468	27.706	30.089	32.443	37.063	39.60	.064	1449.8	126
150	.438	.432	2.446	34.559	27.747	30.121	32.465	37.067	35.99	.073	1453.2	151
175	.715	.707	2.744	34.589	27.754	30.124	32.464	37.058	35.42	.082	1454.9	176
200	.975	.966	3.024	34.621	27.764	30.130	32.466	37.052	34.69	.091	1456.5	202
225	1.091	1.081	3.161	34.634	27.766	30.131	32.465	37.048	34.59	.100	1457.4	227
250	1.171	1.158	3.260	34.651	27.775	30.138	32.471	37.052	33.89	.108	1458.2	252
275	1.251	1.237	3.360	34.671	27.785	30.147	32.479	37.058	33.07	.117	1459.0	277
300	1.360	1.345	3.489	34.685	27.789	30.149	32.480	37.055	32.90	.125	1459.9	302
325	1.367	1.350	3.515	34.689	27.792	30.153	32.483	37.058	32.68	.133	1460.4	328
350	1.366	1.349	3.534	34.690	27.793	30.154	32.484	37.059	32.68	.141	1460.8	353
375	1.379	1.360	3.566	34.701	27.800	30.161	32.491	37.066	32.04	.149	1461.3	378
400	1.385	1.365	3.592	34.706	27.804	30.164	32.495	37.069	31.80	.157	1461.7	403
425	1.381	1.360	3.607	34.712	27.809	30.170	32.500	37.075	31.36	.165	1462.2	429
450	1.370	1.347	3.615	34.715	27.812	30.174	32.504	37.078	31.14	.173	1462.5	454
475	1.368	1.343	3.632	34.718	27.815	30.176	32.506	37.081	30.97	.181	1462.9	479
500	1.341	1.316	3.624	34.718	27.817	30.179	32.509	37.085	30.84	.189	1463.2	504
550	1.320	1.291	3.641	34.722	27.822	30.184	32.515	37.091	30.52	.204	1464.0	555
600	1.270	1.239	3.629	34.722	27.825	30.188	32.520	37.098	30.26	.219	1464.6	605
650	1.247	1.213	3.644	34.719	27.824	30.188	32.520	37.098	30.44	.234	1465.3	656
700	1.200	1.163	3.635	34.718	27.827	30.191	32.524	37.104	30.26	.249	1465.9	706



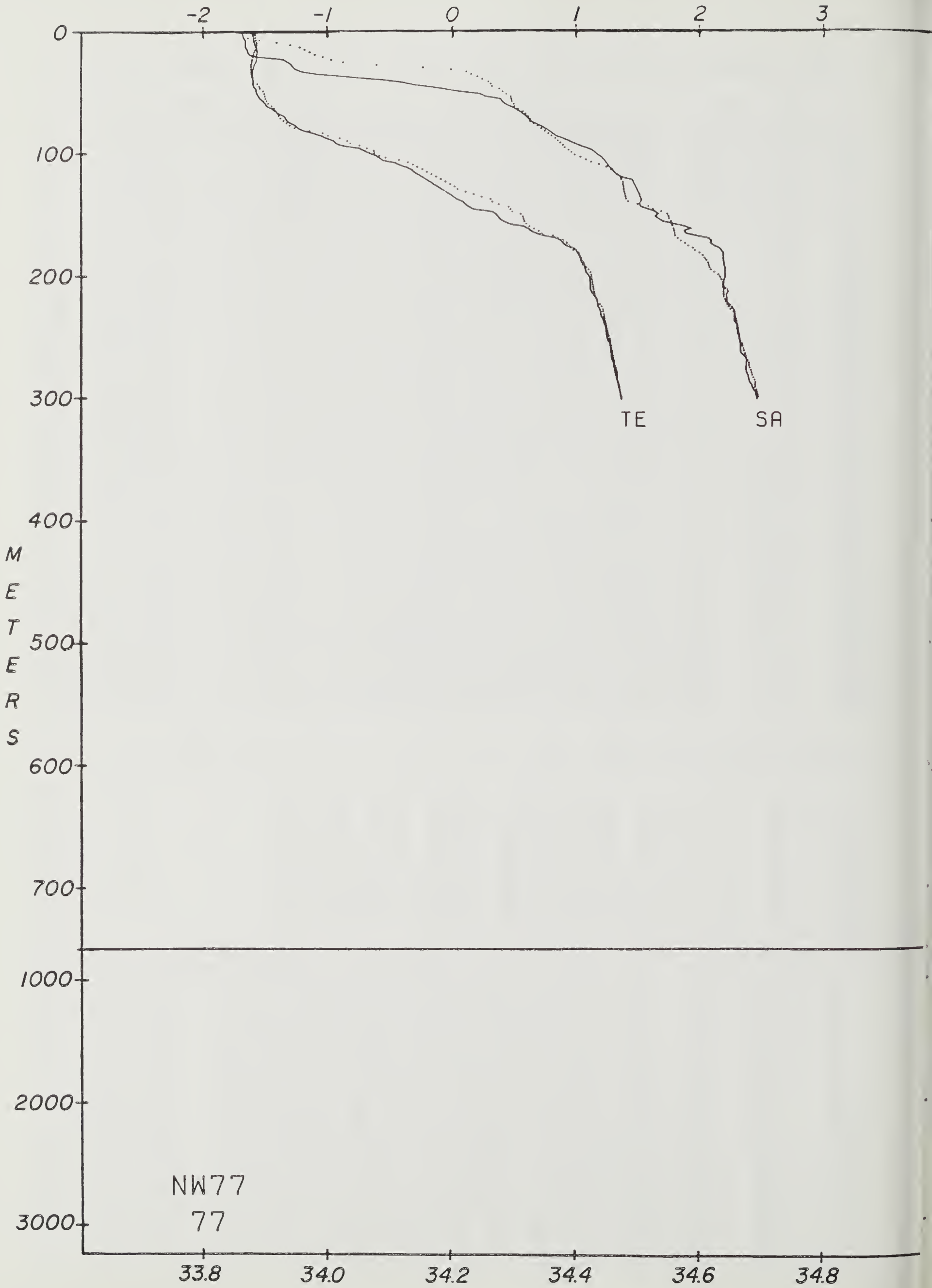
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
74 58.1S 174 20.1W 569 2086 1001.2 20 11 -2.4 0 0 13 1620 31DEC76 NW 77 1 75

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.346	-1.346	.515	33.972	27.352	29.756	32.129	36.788	73.28	0.000	1441.6	0
10	-1.347	-1.347	.523	33.991	27.367	29.771	32.144	36.803	71.80	.007	1441.8	10
20	-1.364	-1.364	.514	34.008	27.382	29.785	32.159	36.818	70.39	.014	1441.9	20
30	-1.433	-1.433	.458	34.097	27.456	29.860	32.234	36.896	63.29	.021	1441.9	30
40	-1.514	-1.515	.393	34.250	27.582	29.987	32.362	37.024	51.29	.027	1441.9	40
50	-1.502	-1.503	.415	34.293	27.617	30.021	32.396	37.057	47.98	.032	1442.2	50
60	-1.351	-1.352	.575	34.320	27.634	30.036	32.408	37.065	46.28	.036	1443.1	60
70	-1.273	-1.277	.658	34.318	27.630	30.031	32.402	37.056	46.65	.041	1443.6	71
80	-1.153	-1.155	.793	34.407	27.698	30.097	32.465	37.116	40.17	.045	1444.5	81
90	-.693	-.696	1.266	34.497	27.753	30.144	32.506	37.141	35.06	.049	1446.9	91
100	-.219	-.222	1.750	34.529	27.758	30.142	32.496	37.117	34.72	.053	1449.3	101
125	.299	.294	2.288	34.553	27.750	30.126	32.472	37.078	35.60	.061	1452.1	126
150	.607	.601	2.615	34.557	27.735	30.107	32.448	37.046	37.14	.071	1453.9	151
175	.776	.768	2.804	34.579	27.743	30.112	32.451	37.043	36.54	.080	1455.1	176
200	1.005	.996	3.054	34.610	27.753	30.118	32.454	37.040	35.78	.089	1456.6	202
225	1.189	1.178	3.259	34.641	27.766	30.129	32.461	37.041	34.72	.098	1457.9	227
250	1.248	1.236	3.338	34.666	27.781	30.143	32.475	37.053	33.37	.106	1458.6	252
275	1.326	1.312	3.435	34.669	27.779	30.140	32.471	37.047	33.74	.115	1459.4	277
300	1.335	1.320	3.464	34.670	27.779	30.140	32.471	37.046	33.80	.123	1459.8	302
325	1.377	1.360	3.525	34.682	27.785	30.146	32.475	37.050	33.33	.131	1460.4	328
350	1.392	1.374	3.559	34.688	27.789	30.149	32.479	37.054	33.05	.140	1460.9	353
375	1.399	1.380	3.586	34.695	27.794	30.155	32.485	37.059	32.62	.148	1461.4	378
400	1.406	1.386	3.612	34.697	27.795	30.156	32.485	37.060	32.62	.156	1461.8	403
425	1.394	1.372	3.619	34.699	27.798	30.159	32.489	37.063	32.45	.164	1462.2	429
450	1.378	1.355	3.622	34.704	27.803	30.164	32.494	37.069	32.02	.172	1462.5	454
475	1.359	1.335	3.622	34.705	27.805	30.166	32.496	37.072	31.93	.180	1462.9	479
500	1.355	1.329	3.637	34.707	27.807	30.169	32.499	37.075	31.77	.188	1463.3	504
550	1.330	1.301	3.650	34.709	27.811	30.173	32.504	37.080	31.56	.204	1464.0	555
600	1.294	1.263	3.653	34.710	27.814	30.177	32.508	37.085	31.36	.220	1464.7	605
650	1.254	1.219	3.650	34.714	27.820	30.183	32.516	37.094	30.87	.235	1465.3	656
700	1.213	1.176	3.647	34.716	27.824	30.189	32.521	37.101	30.52	.251	1466.0	706
750	1.193	1.153	3.666	34.717	27.826	30.191	32.524	37.104	30.41	.266	1466.7	757
800	1.160	1.118	3.671	34.716	27.828	30.194	32.527	37.108	30.32	.281	1467.4	808
850	1.122	1.077	3.670	34.718	27.832	30.198	32.532	37.115	30.02	.296	1468.1	858
900	1.086	1.038	3.672	34.716	27.833	30.200	32.535	37.118	29.95	.311	1468.7	909
950	1.052	1.002	3.677	34.718	27.837	30.205	32.540	37.124	29.62	.326	1469.4	959
1000	1.013	.959	3.675	34.718	27.839	30.208	32.544	37.129	29.39	.341	1470.1	1010
1100	.946	.887	3.684	34.717	27.843	30.213	32.550	37.138	29.07	.370	1471.5	1111
1200	.905	.840	3.719	34.717	27.846	30.217	32.554	37.143	28.89	.399	1473.0	1212
1300	.840	.769	3.730	34.716	27.849	30.221	32.560	37.151	28.53	.428	1474.4	1314
1400	.763	.687	3.729	34.711	27.850	30.224	32.563	37.157	28.34	.456	1475.7	1415
1500	.725	.641	3.766	34.711	27.852	30.227	32.568	37.162	28.11	.484	1477.2	1517
1600	.676	.587	3.793	34.707	27.852	30.228	32.569	37.166	28.06	.512	1478.7	1618
1700	.633	.537	3.826	34.709	27.856	30.233	32.575	37.173	27.60	.540	1480.2	1720
1800	.561	.459	3.830	34.702	27.855	30.234	32.577	37.177	27.49	.568	1481.6	1821
1900	.413	.306	3.756	34.683	27.848	30.229	32.575	37.179	27.44	.595	1482.6	1923
2000	.421	.306	3.841	34.695	27.858	30.239	32.584	37.189	26.69	.622	1484.3	2025
2085	.212	.094	3.695	34.672	27.851	30.235	32.584	37.194	26.20	.645	1484.8	2111

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
74 58.8S 174 19.6W 569 2086 1000.8 40 13 -2.1 0 0 0 1830 31DEC76 NW 77 2 75

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.27	-1.27	0.59	33.976	27.35	29.76	7.92	52	1.74			C7	2	75
25	-1.51	-1.51	0.37	34.040	27.41	29.82	7.88	54	1.70			C7	2	75
348	1.39	1.37	3.56	34.707	27.80	30.16	4.57	95	2.20			C7	2	75
735	1.14	1.10	3.60	34.725	27.84	30.20	4.72	107	2.15			C7	2	75
969	1.02	0.97	3.66	34.722	27.84	30.21	4.71	112	2.20			C7	2	75
1204	0.88	0.81	3.70	34.719	27.85	30.22	4.89	117	2.30			C7	2	75
1436	0.75	0.67	3.74	34.712	27.85	30.23	4.92	121	2.26			C7	2	75
1778	0.57	0.47	3.82	34.715	27.86	30.24	4.98	122	2.08			C7	2	75
1901	0.38	0.27	3.72	34.679	27.85	30.23	5.26	116	2.16				2	75
2004	0.40	0.29	3.82	34.698	27.86	30.24	5.23	121	2.03			C7	2	75
2085	0.21	0.09	3.69	34.672	27.85	30.24		117	2.23				2	75

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.266	-1.266	.595	33.981	27.357	29.759	32.131	36.788	72.82	0.000	1442.0	0
10	-1.314	-1.314	.556	33.992	27.367	29.770	32.143	36.801	71.82	.007	1442.0	10
20	-1.472	-1.473	.406	34.008	27.385	29.790	32.166	36.829	70.05	.014	1441.4	20
30	-1.499	-1.500	.391	34.094	27.456	29.861	32.236	36.900	63.32	.021	1441.6	30
40	-1.405	-1.406	.502	34.252	27.581	29.984	32.357	37.016	51.43	.027	1442.4	40
50	-1.312	-1.314	.605	34.293	27.611	30.013	32.384	37.040	48.50	.032	1443.1	50
60	-1.143	-1.144	.784	34.325	27.631	30.030	32.398	37.049	46.63	.036	1444.1	60
70	-.926	-.928	1.011	34.373	27.662	30.057	32.423	37.066	43.68	.041	1445.3	71
80	-.856	-.858	1.089	34.382	27.667	30.061	32.425	37.066	43.20	.045	1445.8	81
90	-.652	-.655	1.302	34.405	27.677	30.068	32.429	37.064	42.26	.050	1447.0	91
100	-.355	-.358	1.608	34.423	27.678	30.064	32.421	37.047	42.22	.054	1448.5	101
125	.293	.289	2.281	34.522	27.726	30.102	32.448	37.055	37.92	.064	1452.0	126
150	.647	.640	2.656	34.573	27.746	30.117	32.458	37.054	36.14	.073	1454.1	151
175	.852	.845	2.882	34.597	27.753	30.121	32.459	37.048	35.65	.082	1455.5	176
200	1.088	1.078	3.138	34.631	27.765	30.129	32.463	37.046	34.71	.091	1457.0	202
225	1.250	1.239	3.321	34.658	27.775	30.137	32.469	37.047	33.89	.099	1458.2	227
250	1.305	1.293	3.395	34.669	27.780	30.141	32.472	37.049	33.54	.108	1458.9	252
275	1.338	1.324	3.448	34.676	27.783	30.144	32.475	37.051	33.29	.116	1459.4	277
300	1.353	1.338	3.482	34.680	27.786	30.146	32.477	37.052	33.17	.125	1459.9	302
325	1.381	1.365	3.530	34.692	27.793	30.154	32.484	37.058	32.56	.133	1460.5	328
350	1.387	1.369	3.554	34.697	27.797	30.157	32.487	37.061	32.32	.141	1460.9	353
375	1.388	1.369	3.575	34.703	27.802	30.162	32.492	37.066	31.94	.149	1461.3	378
400	1.382	1.362	3.589	34.709	27.807	30.167	32.497	37.072	31.53	.157	1461.7	403
425	1.354	1.332	3.580	34.715	27.814	30.175	32.505	37.081	30.93	.165	1462.0	429
450	1.343	1.320	3.588	34.715	27.814	30.176	32.506	37.082	30.92	.172	1462.4	454



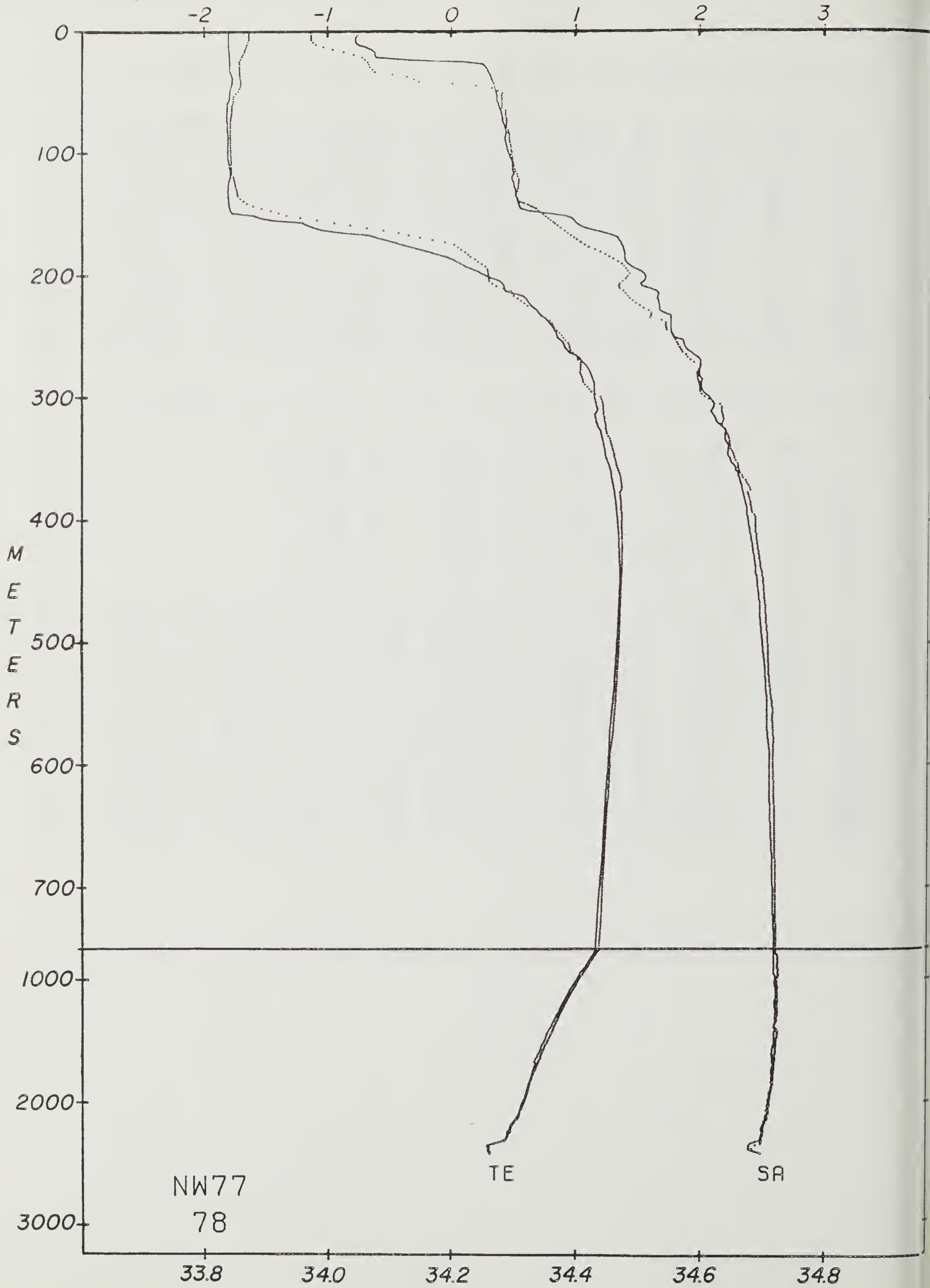
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN		
75	1.9S	173	52.0W	569	1740	1000.3	160	2	-0.9	0	0	0	419	1JAN77	NW	77	1	77

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.604	-1.604	.250	33.862	27.271	29.678	32.056	36.725	81.03	0.000	1440.3	0
10	-1.586	-1.587	.276	33.867	27.274	29.682	32.059	36.727	80.62	.008	1440.5	10
20	-1.576	-1.576	.296	33.895	27.296	29.703	32.081	36.748	78.47	.016	1440.8	20
30	-1.604	-1.605	.278	33.948	27.340	29.747	32.125	36.793	74.25	.024	1440.9	30
40	-1.605	-1.606	.295	34.118	27.478	29.884	32.261	36.927	61.17	.030	1441.3	40
50	-1.570	-1.571	.344	34.241	27.577	29.983	32.358	37.023	51.72	.036	1441.8	50
60	-1.488	-1.489	.437	34.295	27.618	30.022	32.397	37.058	47.78	.041	1442.4	60
70	-1.340	-1.341	.594	34.324	27.637	30.039	32.411	37.067	45.96	.046	1443.3	71
80	-1.187	-1.189	.757	34.358	27.660	30.059	32.428	37.080	43.83	.050	1444.2	81
90	-.926	-.928	1.027	34.396	27.681	30.076	32.441	37.084	41.87	.055	1445.7	91
100	-.614	-.617	1.349	34.435	27.700	30.090	32.450	37.084	40.10	.059	1447.3	101
125	-.128	-.132	1.858	34.496	27.727	30.109	32.462	37.081	37.66	.068	1450.1	126
150	.376	.370	2.382	34.531	27.728	30.103	32.448	37.052	37.76	.078	1452.8	151
175	.953	.945	2.984	34.628	27.771	30.137	32.473	37.060	34.00	.087	1456.0	176
200	1.111	1.101	3.161	34.641	27.771	30.134	32.468	37.051	34.16	.095	1457.1	202
225	1.187	1.176	3.257	34.654	27.776	30.139	32.472	37.052	33.76	.104	1457.9	227
250	1.255	1.243	3.345	34.665	27.780	30.142	32.474	37.052	33.49	.112	1458.6	252
275	1.313	1.299	3.423	34.675	27.784	30.146	32.477	37.053	33.18	.120	1459.3	277
300	1.370	1.355	3.499	34.693	27.795	30.155	32.485	37.060	32.32	.129	1460.0	302

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN		
75	2.2S	173	52.6W	569	1740	1000.4	160	2	-2.2	0	0	0	456	1JAN77	NW	77	2	77

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.59	-1.59	0.26	33.861	27.27	29.68	7.87	56	1.86			C7	2	77
6	-1.61	-1.61	0.25	33.863	27.27	29.68	7.87	55	1.93				2	77
11	-1.58	-1.58	0.29	33.919	27.32	29.72	7.87	56	1.93			C7	2	77
26	-1.62	-1.62	0.26	34.016	27.40	29.80	7.80	55	1.96				2	77
50	-1.51	-1.51	0.41	34.288	27.61	30.02	6.96	60	2.07			C7	2	77
75	-1.32	-1.32	0.62	34.331	27.64	30.04	6.63	63	2.14				2	77
124	-0.03	-0.03	1.95	34.476	27.71	30.09	5.66	74	2.27				2	77
149	0.58	0.57	2.59	34.555	27.74	30.11	5.27	81	2.27			C7	2	77
199	1.15	1.14	3.20	34.633	27.76	30.13	4.84	86	2.31				2	77
248	1.27	1.26	3.36	34.664	27.78	30.14	4.74	87	2.21			C7	2	77
298	1.36	1.35	3.49	34.690	27.79	30.15	4.64	92	2.26				2	77

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.589	-1.589	.266	33.877	27.282	29.690	32.068	36.735	79.92	0.000	1440.3	0
10	-1.575	-1.575	.291	33.940	27.333	29.740	32.117	36.784	75.08	.008	1440.7	10
20	-1.608	-1.608	.269	33.991	27.375	29.783	32.160	36.827	70.98	.015	1440.7	20
30	-1.623	-1.623	.274	34.199	27.544	29.951	32.328	36.994	54.94	.021	1441.1	30
40	-1.594	-1.595	.313	34.258	27.591	29.997	32.373	37.038	50.44	.027	1441.5	40
50	-1.513	-1.514	.404	34.289	27.614	30.018	32.393	37.055	48.27	.032	1442.1	50
60	-1.454	-1.455	.471	34.303	27.623	30.027	32.401	37.061	47.29	.036	1442.6	60
70	-1.381	-1.382	.553	34.326	27.640	30.042	32.414	37.072	45.72	.041	1443.1	71
80	-1.163	-1.165	.780	34.350	27.653	30.051	32.421	37.071	44.50	.045	1444.3	81
90	-.805	-.808	1.147	34.375	27.660	30.053	32.416	37.056	43.89	.050	1446.2	91
100	-.586	-.589	1.375	34.399	27.670	30.060	32.419	37.053	42.96	.054	1447.4	101
125	.004	-.001	1.988	34.477	27.705	30.085	32.436	37.051	39.82	.065	1450.7	126
150	.572	.566	2.580	34.550	27.732	30.104	32.446	37.045	37.45	.074	1453.8	151
175	.953	.945	2.981	34.586	27.737	30.104	32.440	37.027	37.17	.084	1455.9	176
200	1.129	1.119	3.179	34.633	27.763	30.127	32.460	37.042	34.86	.093	1457.2	202
225	1.215	1.204	3.285	34.649	27.770	30.133	32.465	37.045	34.31	.101	1458.0	227
250	1.274	1.262	3.364	34.665	27.779	30.141	32.472	37.050	33.60	.110	1458.7	252
275	1.328	1.315	3.438	34.682	27.789	30.150	32.480	37.056	32.79	.118	1459.4	277
298	1.371	1.356	3.500	34.695	27.796	30.157	32.487	37.062	32.17	.125	1460.0	300



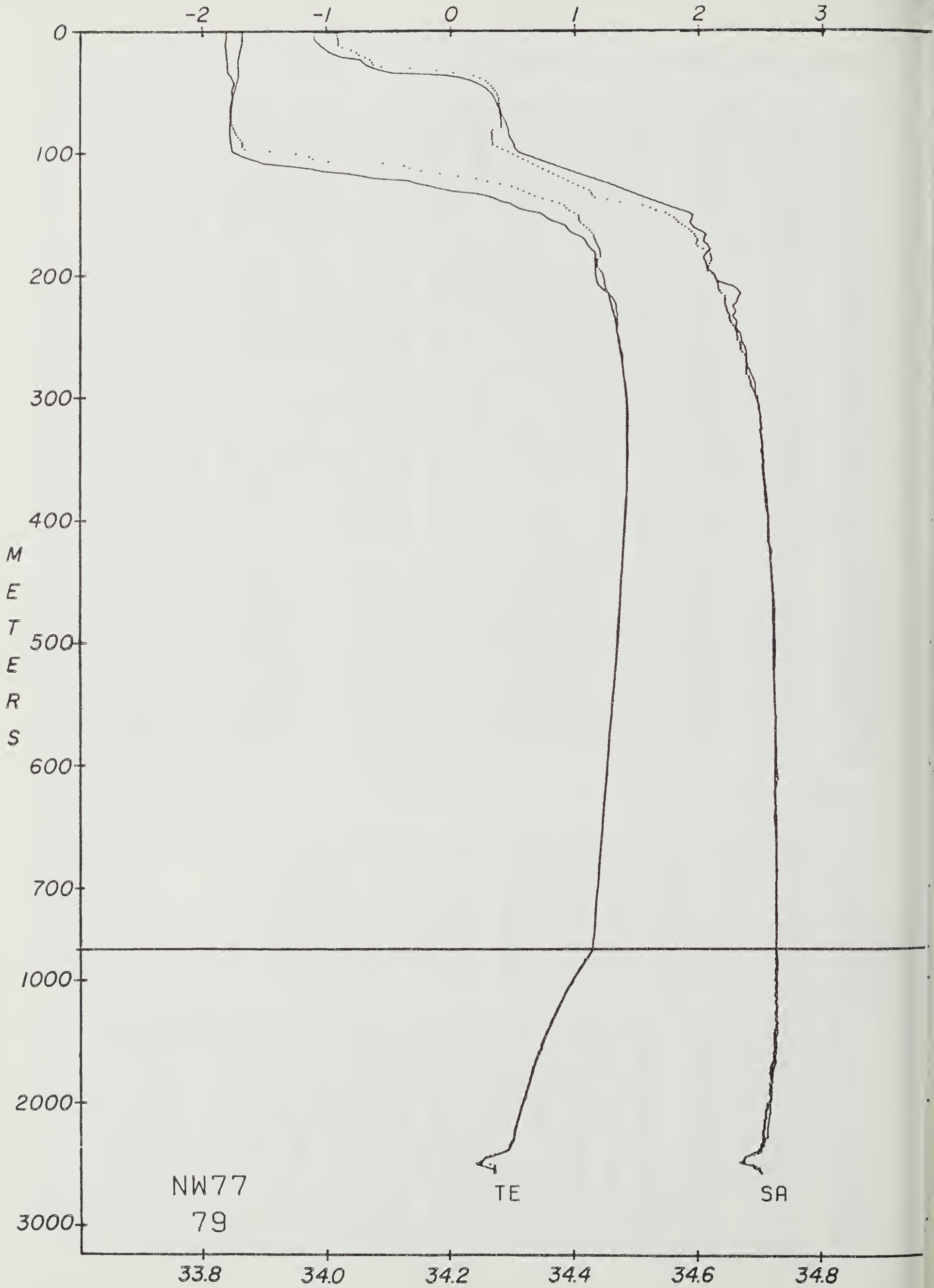
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 37.3S	173 2.1W	569	2412	1000.3	180	10	-3.2	1	0	20	812	1JAN77	NW	77	1	78

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.800	-1.800	.065	34.049	27.427	29.837	32.218	36.890	66.20	0.000	1439.6	0
10	-1.800	-1.800	.073	34.051	27.428	29.839	32.219	36.891	66.01	.007	1439.8	10
20	-1.794	-1.794	.089	34.090	27.460	29.870	32.250	36.922	62.96	.013	1440.0	20
30	-1.789	-1.790	.110	34.258	27.596	30.005	32.385	37.055	49.97	.019	1440.4	30
40	-1.769	-1.770	.139	34.267	27.603	30.012	32.391	37.061	49.27	.024	1440.7	40
50	-1.791	-1.792	.124	34.273	27.609	30.018	32.397	37.067	48.69	.029	1440.8	50
60	-1.811	-1.812	.113	34.278	27.613	30.022	32.401	37.072	48.25	.033	1440.9	60
70	-1.814	-1.815	.118	34.293	27.617	30.026	32.406	37.077	47.78	.038	1441.0	71
80	-1.810	-1.811	.130	34.288	27.621	30.030	32.410	37.081	47.32	.043	1441.2	81
90	-1.805	-1.807	.142	34.288	27.621	30.030	32.410	37.081	47.25	.048	1441.4	91
100	-1.805	-1.807	.150	34.294	27.626	30.035	32.414	37.085	46.76	.052	1441.6	101
125	-1.802	-1.803	.172	34.301	27.632	30.041	32.420	37.091	46.03	.064	1442.0	126
150	-1.591	-1.594	.407	34.386	27.694	30.100	32.475	37.139	40.06	.075	1443.5	151
175	-	.351	1.677	34.476	27.721	30.107	32.463	37.089	38.03	.085	1449.9	176
200	.297	.289	2.340	34.513	27.718	30.094	32.441	37.047	38.64	.094	1453.3	202
225	.659	.649	2.723	34.536	27.716	30.087	32.428	37.024	39.12	.104	1455.4	227
250	.862	.851	2.946	34.563	27.724	30.092	32.430	37.020	38.45	.114	1456.7	252
275	1.107	1.093	3.212	34.601	27.739	30.103	32.438	37.020	37.33	.123	1458.3	277
300	1.159	1.144	3.284	34.619	27.750	30.114	32.447	37.029	36.35	.132	1459.0	302
325	1.201	1.185	3.346	34.642	27.766	30.129	32.461	37.042	35.00	.141	1459.6	328
350	1.260	1.243	3.425	34.650	27.768	30.131	32.463	37.041	34.88	.150	1460.3	353
375	1.316	1.297	3.501	34.670	27.780	30.142	32.473	37.049	33.90	.158	1461.0	378
400	1.342	1.322	3.547	34.679	27.786	30.147	32.478	37.053	33.47	.167	1461.5	403
425	1.355	1.333	3.579	34.687	27.791	30.152	32.483	37.058	33.07	.175	1462.0	429
450	1.359	1.336	3.603	34.693	27.796	30.157	32.487	37.063	32.70	.183	1462.4	454
475	1.347	1.322	3.610	34.697	27.800	30.161	32.492	37.067	32.38	.192	1462.8	479
500	1.332	1.306	3.614	34.701	27.804	30.166	32.497	37.073	32.03	.200	1463.2	504
550	1.295	1.266	3.615	34.708	27.812	30.175	32.506	37.083	31.37	.215	1463.8	555
600	1.260	1.229	3.619	34.712	27.818	30.181	32.513	37.091	30.93	.231	1464.5	605
650	1.224	1.190	3.621	34.714	27.822	30.186	32.518	37.097	30.63	.246	1465.2	656
700	1.190	1.154	3.625	34.717	27.827	30.191	32.524	37.104	30.26	.262	1465.9	706
750	1.157	1.118	3.630	34.719	27.830	30.196	32.529	37.111	29.96	.277	1466.6	757
800	1.128	1.085	3.638	34.719	27.832	30.199	32.532	37.114	29.84	.292	1467.3	808
850	1.100	1.055	3.648	34.719	27.834	30.201	32.535	37.118	29.72	.307	1468.0	858
900	1.066	1.018	3.653	34.719	27.837	30.204	32.539	37.123	29.55	.321	1468.7	909
950	1.029	.979	3.654	34.720	27.840	30.208	32.543	37.128	29.27	.336	1469.3	959
1000	.999	.946	3.662	34.720	27.842	30.210	32.547	37.132	29.11	.351	1470.0	1010
1100	.957	.878	3.676	34.722	27.848	30.218	32.554	37.143	28.62	.380	1471.4	1111
1200	.882	.817	3.696	34.720	27.850	30.221	32.559	37.148	28.45	.408	1472.9	1212
1300	.831	.760	3.722	34.721	27.854	30.226	32.565	37.156	28.08	.436	1474.3	1314
1400	.780	.703	3.747	34.722	27.857	30.231	32.570	37.163	27.74	.464	1475.8	1415
1500	.737	.653	3.779	34.719	27.858	30.233	32.573	37.167	27.64	.492	1477.3	1517
1600	.690	.601	3.808	34.716	27.858	30.234	32.574	37.170	27.59	.520	1478.8	1618
1700	.661	.565	3.855	34.717	27.861	30.238	32.579	37.176	27.30	.547	1480.3	1720
1800	.633	.530	3.903	34.715	27.861	30.239	32.581	37.178	27.28	.574	1481.9	1821
1900	.600	.490	3.945	34.713	27.861	30.240	32.583	37.182	27.19	.601	1483.4	1923
2000	.563	.446	3.984	34.710	27.861	30.240	32.583	37.184	27.16	.629	1485.0	2025
2100	.529	.405	4.026	34.707	27.860	30.241	32.585	37.186	27.10	.656	1486.5	2126
2200	.477	.346	4.049	34.702	27.860	30.242	32.586	37.189	26.92	.683	1488.0	2228
2300	.417	.280	4.066	34.699	27.861	30.244	32.590	37.195	26.55	.710	1489.5	2330
2400	.310	.166	4.033	34.693	27.862	30.247	32.595	37.203	25.80	.736	1490.7	2432
2406	.310	.166	4.038	34.697	27.866	30.250	32.598	37.206	25.51	.737	1490.8	2438

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 36.8S	173 2.1W	569	2412	1000.1	180	6	-1.7	1	0	0	1032	1JAN77	NW	77	2	78

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.64	-1.64	0.22	33.959	27.35	29.76	7.67	54	2.01			C7	2	78
118	-1.77	-1.77	0.20	34.316	27.64	30.05	6.85	57	2.16				2	78
194	0.29	0.28	2.33	34.498	27.71	30.08	5.47	78	2.30			C7	2	78
426	1.37	1.35	3.60	34.706	27.81	30.17	4.63	93	2.28			D2	2	78
740	1.19	1.15	3.66	34.728	27.84	30.20	4.68	98	2.26			C7	2	78
988	1.02	0.97	3.67	34.720	27.84	30.21	4.77	110	2.30				2	78
1384	0.82	0.74	3.77	34.716	27.85	30.22	4.86	118	2.33			C7	2	78
1659	0.68	0.59	3.84	34.711	27.85	30.23	4.97	121	2.33				2	78
1981	0.58	0.46	3.99	34.706	27.86	30.24	5.03	124	2.33			C7	2	78
2280	0.44	0.30	4.07	34.700	27.86	30.24	5.14	124	2.23				2	78
2357	0.30	0.16	3.99	34.687	27.86	30.24	5.20	121	2.30			C7	2	78
2408	0.33	0.19	4.06	34.698	27.87	30.25	5.19	125	2.31				2	78

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.640	-1.640	.221	33.972	27.361	29.769	32.147	36.815	72.49	0.000	1440.2	0
10	-1.655	-1.655	.214	33.982	27.369	29.778	32.156	36.825	71.61	.007	1440.3	10
20	-1.698	-1.699	.182	34.055	27.429	29.838	32.217	36.886	65.85	.014	1440.4	20
30	-1.716	-1.716	.173	34.074	27.445	29.853	32.233	36.902	64.34	.021	1440.5	30
40	-1.704	-1.704	.198	34.161	27.515	29.923	32.302	36.970	57.61	.027	1440.9	40
50	-1.742	-1.743	.175	34.281	27.614	30.022	32.400	37.069	48.22	.032	1441.0	50
60	-1.774	-1.776	.150	34.282	27.616	30.024	32.403	37.073	47.98	.037	1441.0	60
70	-1.784	-1.786	.148	34.290	27.622	30.031	32.409	37.079	47.34	.042	1441.2	71
80	-1.787	-1.788	.153	34.292	27.624	30.033	32.411	37.082	47.08	.046	1441.3	81
90	-1.786	-1.788	.162	34.295	27.626	30.035	32.414	37.085	46.76	.051	1441.5	91
100	-1.782	-1.784	.173	34.299	27.629	30.038	32.417	37.087	46.47	.056	1441.7	101
125	-1.743	-1.746	.231	34.308	27.636	30.044	32.422	37.091	45.68	.067	1442.3	126
150	-1.320	-1.323	.676	34.348	27.636	30.058	32.429	37.085	43.79	.078	1444.8	151
175	.043	.037	2.063	34.419	27.656	30.036	32.387	37.001	44.38	.089	1451.6	176
200	.304	.295	2.345	34.484	27.695	30.071	32.417	37.024	40.87	.100	1453.3	202
225	.642	.632	2.704	34.507	27.693	30.064	32.406	37.002	41.24	.110	1455.2	227
250	.905	.893	2.989	34.558	27.718	30.086	32.423	37.012	39.08	.120	1456.9	252
275	1.044	1.031	3.149	34.600	27.742	30.107	32.442	37.027	36.97	.130	1458.0	277
300	1.213	1.199	3.338	34.615	27.743	30.106	32.439	37.019	37.04	.139	1459.2	302



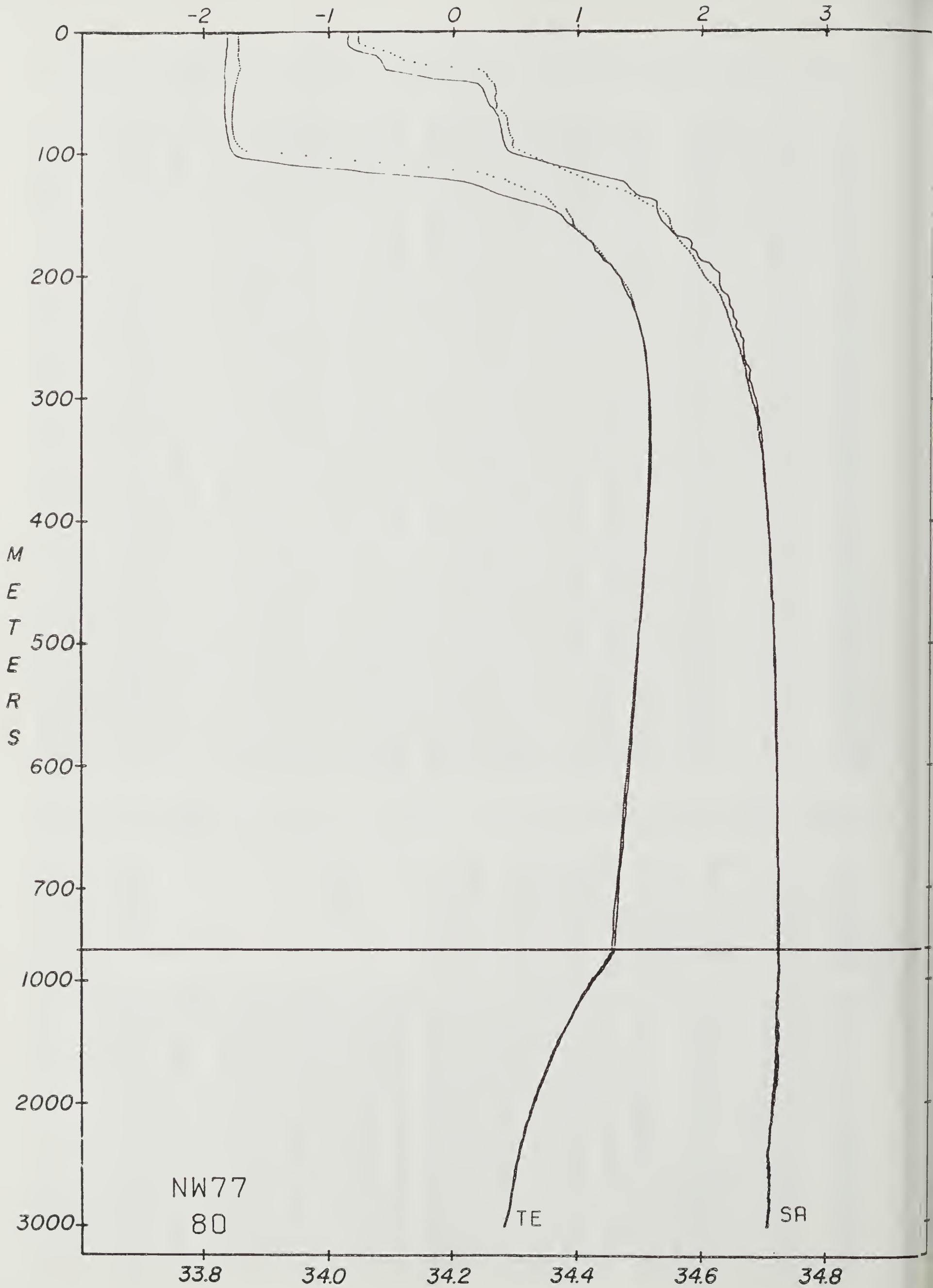
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
74 23.2S 172 24.4W 569 2573 999.9 190 6 -1.7 1 0 21 1228 1JAN77 NW 77 1 79

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.819	-1.819	.042	33.978	27.370	29.781	32.161	36.835	71.61	0.000	1439.4	0
10	-1.827	-1.827	.042	33.985	27.376	29.787	32.168	36.842	70.98	.007	1439.5	10
20	-1.815	-1.816	.063	34.027	27.409	29.820	32.200	36.874	67.76	.014	1439.8	20
30	-1.808	-1.808	.082	34.080	27.452	29.863	32.243	36.916	63.60	.021	1440.1	30
40	-1.763	-1.764	.143	34.232	27.574	29.983	32.362	37.032	52.03	.026	1440.7	40
50	-1.775	-1.776	.141	34.264	27.601	30.009	32.388	37.058	49.46	.031	1440.8	50
60	-1.774	-1.775	.150	34.275	27.609	30.018	32.397	37.067	48.56	.036	1441.0	60
70	-1.779	-1.780	.153	34.284	27.617	30.026	32.405	37.075	47.75	.041	1441.2	71
80	-1.790	-1.792	.149	34.292	27.624	30.033	32.412	37.082	47.08	.046	1441.3	81
90	-1.784	-1.786	.164	34.299	27.630	30.038	32.417	37.087	46.47	.051	1441.5	91
100	-1.726	-1.728	.231	34.320	27.645	30.053	32.431	37.099	44.98	.055	1442.0	101
125	-.238	-.243	1.745	34.458	27.701	30.086	32.440	37.063	40.04	.066	1449.5	126
150	.748	.742	2.758	34.589	27.753	30.122	32.461	37.054	35.56	.075	1454.6	151
175	1.106	1.098	3.136	34.614	27.750	30.114	32.448	37.031	36.05	.084	1456.7	176
200	1.167	1.157	3.217	34.626	27.755	30.118	32.451	37.032	35.68	.093	1457.4	202
225	1.333	1.322	3.404	34.655	27.767	30.128	32.459	37.035	34.68	.102	1458.6	227
250	1.354	1.341	3.444	34.668	27.776	30.137	32.467	37.042	33.93	.111	1459.1	252
275	1.388	1.374	3.498	34.680	27.783	30.143	32.473	37.047	33.39	.119	1459.7	277
300	1.424	1.408	3.553	34.692	27.790	30.150	32.479	37.052	32.84	.127	1460.2	302
325	1.428	1.411	3.577	34.699	27.795	30.155	32.484	37.057	32.42	.135	1460.7	328
350	1.425	1.407	3.593	34.702	27.798	30.158	32.487	37.061	32.22	.143	1461.1	353
375	1.415	1.396	3.603	34.708	27.803	30.163	32.493	37.066	31.82	.151	1461.5	378
400	1.396	1.376	3.603	34.711	27.807	30.168	32.498	37.072	31.48	.159	1461.8	403
425	1.384	1.362	3.610	34.714	27.810	30.171	32.501	37.075	31.29	.167	1462.2	429
450	1.367	1.344	3.612	34.717	27.814	30.175	32.506	37.081	30.96	.175	1462.5	454
475	1.359	1.334	3.623	34.718	27.816	30.177	32.507	37.082	30.90	.183	1462.9	479
500	1.342	1.316	3.625	34.719	27.818	30.179	32.510	37.086	30.77	.190	1463.2	504
550	1.298	1.269	3.619	34.722	27.823	30.186	32.517	37.094	30.34	.206	1463.9	555
600	1.255	1.224	3.614	34.722	27.826	30.190	32.521	37.100	30.14	.221	1464.5	605
650	1.218	1.184	3.615	34.723	27.830	30.194	32.526	37.105	29.90	.236	1465.2	656
700	1.178	1.141	3.613	34.725	27.834	30.199	32.532	37.112	29.55	.251	1465.8	706
750	1.136	1.097	3.609	34.724	27.836	30.202	32.535	37.117	29.40	.265	1466.5	757
800	1.102	1.060	3.613	34.726	27.840	30.206	32.540	37.123	29.10	.280	1467.2	808
850	1.069	1.024	3.618	34.727	27.843	30.210	32.545	37.128	28.86	.295	1467.9	858
900	1.032	.985	3.620	34.727	27.845	30.213	32.548	37.133	28.66	.309	1468.5	909
950	1.003	.953	3.628	34.726	27.846	30.215	32.551	37.136	28.60	.323	1469.2	959
1000	.973	.920	3.636	34.725	27.848	30.217	32.553	37.140	28.51	.338	1469.9	1010
1100	.921	.862	3.660	34.726	27.852	30.222	32.559	37.148	28.18	.366	1471.4	1111
1200	.869	.804	3.684	34.726	27.855	30.226	32.564	37.154	27.89	.394	1472.8	1212
1300	.825	.754	3.716	34.725	27.857	30.230	32.568	37.160	27.73	.422	1474.3	1314
1400	.780	.703	3.747	34.727	27.862	30.235	32.575	37.167	27.32	.449	1475.8	1415
1500	.739	.656	3.782	34.725	27.863	30.237	32.577	37.172	27.22	.477	1477.3	1517
1600	.703	.613	3.821	34.724	27.864	30.240	32.580	37.176	27.08	.504	1478.8	1618
1700	.663	.567	3.857	34.722	27.864	30.241	32.583	37.179	26.99	.531	1480.3	1720
1800	.632	.528	3.901	34.719	27.864	30.242	32.583	37.182	26.99	.558	1481.9	1821
1900	.603	.493	3.948	34.717	27.865	30.243	32.586	37.185	26.92	.585	1483.5	1923
2000	.572	.455	3.994	34.715	27.865	30.244	32.587	37.187	26.85	.612	1485.0	2025
2100	.547	.422	4.044	34.714	27.865	30.246	32.589	37.190	26.74	.638	1486.6	2126
2200	.517	.386	4.090	34.711	27.865	30.246	32.590	37.192	26.72	.665	1488.2	2228
2300	.494	.355	4.143	34.707	27.863	30.245	32.590	37.193	26.82	.692	1489.8	2330
2400	.423	.277	4.146	34.691	27.854	30.238	32.583	37.189	27.26	.719	1491.2	2432
2500	.207	.057	4.006	34.679	27.857	30.243	32.593	37.204	25.65	.745	1491.9	2533
2572	.356	.197	4.210	34.703	27.868	30.253	32.600	37.208	25.67	.764	1493.9	2607

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
74 22.4S 172 24.3W 569 2573 999.6 190 5 -2.1 1 0 0 1454 1JAN77 NW 77 2 79

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
21	-1.73	-1.73	0.15	34.074	27.45	29.85		50				C7	2	79
51	-1.79	-1.79	0.13	34.269	27.61	30.01		53				C8	2	79
76	-1.77	-1.77	0.17	34.281	27.61	30.02		53				D6	2	79
111	-0.35	-0.35	1.62	34.419	27.68	30.06		65				D6	2	79
313	1.42	1.40	3.56	34.700	27.80	30.16						C7	2	79
990	0.97	0.92	3.63	34.723	27.85	30.22						C1	2	79
2368	0.48	0.34	4.18	34.702	27.86	30.24							2	79
2488	0.24	0.09	4.03	34.675	27.85	30.24							2	79
2570	0.35	0.19	4.20	34.704	27.87	30.25							2	79

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.695	-1.695	.168	34.015	27.397	29.806	32.184	36.854	69.06	0.000	1440.0	0
10	-1.697	-1.697	.173	34.018	27.399	29.808	32.187	36.857	68.75	.007	1440.2	10
20	-1.719	-1.720	.161	34.060	27.434	29.842	32.221	36.891	65.46	.014	1440.3	20
30	-1.725	-1.725	.168	34.135	27.495	29.903	32.282	36.952	59.60	.020	1440.6	30
40	-1.731	-1.732	.176	34.256	27.593	30.001	32.380	37.048	50.23	.025	1440.9	40
50	-1.759	-1.760	.157	34.274	27.608	30.017	32.395	37.065	48.75	.030	1440.9	50
60	-1.784	-1.785	.140	34.278	27.613	30.021	32.400	37.071	48.26	.035	1441.0	60
70	-1.786	-1.788	.145	34.280	27.614	30.023	32.402	37.072	48.04	.040	1441.1	71
80	-1.756	-1.758	.132	34.267	27.603	30.011	32.390	37.059	49.06	.045	1441.4	81
90	-1.692	-1.694	.233	34.267	27.601	30.009	32.386	37.054	49.20	.050	1441.9	91
100	-1.267	-1.269	.689	34.301	27.616	30.016	32.387	37.042	47.87	.055	1444.1	101
125	.447	.442	2.427	34.402	27.620	29.994	32.339	36.942	47.98	.067	1452.6	126
150	1.024	1.017	3.032	34.554	27.707	30.072	32.408	36.993	40.01	.078	1455.8	151
175	1.186	1.178	3.215	34.597	27.731	30.093	32.427	37.007	37.91	.087	1457.0	176
200	1.231	1.222	3.281	34.626	27.750	30.113	32.445	37.024	36.12	.097	1457.6	202
225	1.299	1.288	3.369	34.644	27.760	30.122	32.453	37.030	35.32	.105	1458.4	227
250	1.351	1.338	3.441	34.662	27.771	30.132	32.463	37.038	34.36	.114	1459.1	252
275	1.390	1.376	3.499	34.676	27.780	30.140	32.470	37.044	33.67	.123	1459.7	277
300	1.417	1.401	3.546	34.694	27.792	30.152	32.481	37.055	32.59	.131	1460.2	302
325	1.420	1.403	3.569	34.701	27.797	30.157	32.486	37.060	32.22	.139	1460.7	328
350	1.421	1.403	3.589	34.704	27.800	30.160	32.490	37.063	32.04	.147	1461.1	353
375	1.419	1.400	3.606	34.706	27.802	30.162	32.491	37.065	31.95	.155	1461.5	378



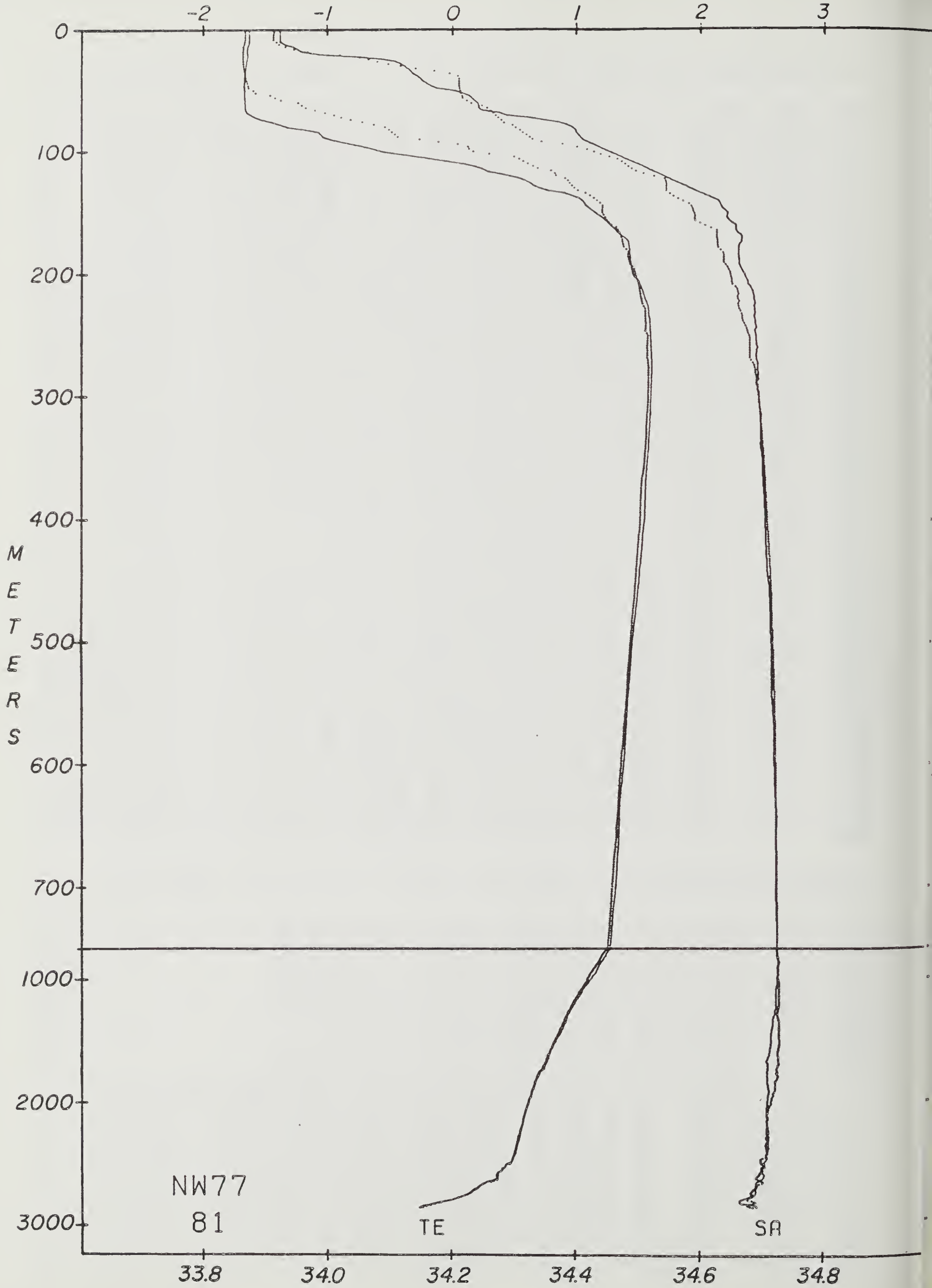
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
74 13.3S 171 52.1W 569 3095 999.6 220 7 -2.1 1 0 26 1648 1JAN77 NW 77 1 80

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.812	-1.812	.052	34.030	27.412	29.822	32.203	36.876	67.63	0.000	1439.5	0
10	-1.816	-1.816	.056	34.031	27.413	29.823	32.204	36.877	67.49	.007	1439.7	10
20	-1.826	-1.826	.056	34.079	27.452	29.863	32.243	36.916	63.69	.013	1439.8	20
30	-1.834	-1.834	.056	34.094	27.464	29.875	32.255	36.929	62.49	.020	1440.0	30
40	-1.830	-1.831	.075	34.210	27.558	29.968	32.348	37.020	53.55	.025	1440.3	40
50	-1.834	-1.835	.080	34.250	27.591	30.001	32.380	37.053	50.37	.031	1440.5	50
60	-1.835	-1.836	.088	34.259	27.598	30.008	32.387	37.059	49.65	.036	1440.7	60
70	-1.829	-1.830	.102	34.272	27.609	30.018	32.398	37.070	48.57	.041	1440.9	71
80	-1.816	-1.818	.122	34.277	27.612	30.022	32.401	37.072	48.17	.045	1441.2	81
90	-1.798	-1.800	.148	34.281	27.615	30.025	32.404	37.074	47.82	.050	1441.4	91
100	-1.739	-1.741	.217	34.305	27.633	30.041	32.419	37.088	46.12	.055	1441.9	101
125	.193	.188	2.178	34.480	27.697	30.075	32.423	37.032	40.61	.066	1451.5	126
150	.879	.872	2.885	34.531	27.698	30.066	32.403	36.993	40.79	.076	1455.1	151
175	1.131	1.123	3.159	34.583	27.723	30.087	32.421	37.003	38.59	.086	1456.7	176
200	1.343	1.333	3.393	34.628	27.745	30.105	32.436	37.012	36.73	.095	1458.1	202
225	1.447	1.436	3.517	34.648	27.753	30.112	32.442	37.014	36.08	.104	1459.0	227
250	1.523	1.510	3.613	34.666	27.762	30.120	32.448	37.019	35.37	.113	1459.8	252
275	1.557	1.543	3.667	34.677	27.768	30.126	32.453	37.023	34.90	.122	1460.4	277
300	1.580	1.565	3.709	34.687	27.775	30.132	32.459	37.028	34.39	.131	1460.9	302
325	1.588	1.571	3.737	34.695	27.781	30.138	32.465	37.034	33.92	.139	1461.4	328
350	1.589	1.571	3.757	34.699	27.783	30.141	32.468	37.037	33.75	.148	1461.8	353
375	1.577	1.557	3.764	34.703	27.787	30.145	32.473	37.042	33.46	.156	1462.2	378
400	1.557	1.536	3.763	34.707	27.793	30.151	32.478	37.048	33.05	.164	1462.5	403
425	1.544	1.522	3.770	34.710	27.796	30.154	32.482	37.052	32.81	.173	1462.9	429
450	1.528	1.505	3.773	34.712	27.799	30.158	32.485	37.056	32.62	.181	1463.2	454
475	1.510	1.485	3.773	34.714	27.802	30.161	32.489	37.060	32.41	.189	1463.6	479
500	1.486	1.460	3.769	34.716	27.805	30.165	32.493	37.065	32.14	.197	1463.9	504
550	1.453	1.424	3.774	34.718	27.809	30.169	32.498	37.071	31.90	.213	1464.6	555
600	1.414	1.382	3.773	34.720	27.813	30.174	32.504	37.078	31.59	.229	1465.2	605
650	1.369	1.334	3.766	34.722	27.818	30.180	32.511	37.086	31.22	.245	1465.8	656
700	1.328	1.291	3.763	34.724	27.823	30.185	32.516	37.093	30.89	.260	1466.5	706
750	1.294	1.254	3.767	34.724	27.825	30.189	32.520	37.097	30.75	.276	1467.2	757
800	1.266	1.223	3.777	34.724	27.827	30.191	32.523	37.101	30.64	.291	1467.9	808
850	1.231	1.185	3.780	34.724	27.829	30.194	32.527	37.106	30.48	.306	1468.6	858
900	1.198	1.149	3.784	34.724	27.832	30.197	32.530	37.111	30.32	.321	1469.3	909
950	1.151	1.100	3.776	34.724	27.835	30.201	32.535	37.117	30.04	.336	1469.9	959
1000	1.117	1.062	3.779	34.724	27.837	30.204	32.538	37.121	29.88	.351	1470.6	1010
1100	1.053	.993	3.792	34.722	27.840	30.208	32.544	37.128	29.67	.381	1472.0	1111
1200	.996	.930	3.810	34.721	27.843	30.213	32.549	37.135	29.43	.411	1473.4	1212
1300	.944	.872	3.834	34.720	27.845	30.216	32.553	37.142	29.22	.440	1474.8	1314
1400	.887	.809	3.853	34.719	27.848	30.221	32.558	37.148	28.93	.469	1476.3	1415
1500	.848	.764	3.890	34.720	27.852	30.225	32.563	37.155	28.66	.498	1477.8	1517
1600	.800	.709	3.918	34.719	27.854	30.228	32.568	37.160	28.41	.526	1479.3	1618
1700	.758	.661	3.952	34.719	27.856	30.232	32.572	37.166	28.15	.555	1480.8	1720
1800	.721	.617	3.991	34.717	27.857	30.234	32.574	37.170	28.04	.583	1482.3	1821
1900	.681	.569	4.026	34.714	27.857	30.235	32.576	37.173	27.97	.611	1483.8	1923
2000	.641	.523	4.062	34.713	27.859	30.237	32.579	37.178	27.73	.639	1485.3	2025
2100	.616	.491	4.113	34.713	27.860	30.240	32.582	37.181	27.61	.666	1486.9	2126
2200	.581	.449	4.154	34.710	27.860	30.241	32.584	37.184	27.50	.694	1488.5	2228
2300	.557	.416	4.205	34.710	27.862	30.243	32.587	37.188	27.32	.721	1490.1	2330
2400	.533	.385	4.258	34.707	27.861	30.243	32.587	37.189	27.35	.749	1491.7	2432
2500	.511	.355	4.311	34.709	27.863	30.246	32.591	37.194	27.05	.776	1493.3	2533
2600	.499	.335	4.375	34.710	27.865	30.249	32.593	37.197	26.91	.803	1495.0	2635
2700	.477	.305	4.429	34.710	27.866	30.251	32.596	37.201	26.69	.830	1496.6	2737
2800	.463	.282	4.491	34.710	27.867	30.253	32.598	37.203	26.58	.856	1498.3	2839
2900	.436	.247	4.540	34.706	27.866	30.252	32.598	37.204	26.60	.883	1499.9	2941
3000	.414	.217	4.594	34.707	27.868	30.255	32.601	37.209	26.30	.909	1501.6	3044
3089	.361	.157	4.609	34.706	27.870	30.258	32.606	37.215	25.73	.933	1502.9	3134

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
74 12.2S 171 53.9W 569 3095 998.7 220 6 -0.8 1 0 0 1949 1JAN77 NW 77 2 80

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.73	-1.73	0.14	34.043	27.42	29.83	7.23	54	2.00			C7	2	80
313	1.57	1.55	3.71	34.706	27.79	30.15	4.41	90	2.22				2	80
599	1.40	1.37	3.76	34.729	27.82	30.18	4.45	101	2.23			C7	2	80
898	1.18	1.13	3.77	34.727	27.84	30.20		108	2.22				2	80
1197	0.98	0.91	3.79	34.720	27.84	30.21	4.52	114	2.27			C7	2	80
1495	0.83	0.75	3.87	34.715	27.85	30.22	4.74	119	2.28				2	80
2085	0.64	0.52	4.13	34.713	27.86	30.24	4.93	127	2.28				2	80
2377	0.53	0.38	4.24	34.707	27.86	30.24	5.02	128				C7	2	80
2746	0.48	0.30	4.47	34.708	27.86	30.25						C1	2	80
2973	0.42	0.23	4.58	34.706	27.87	30.25	5.08	133	2.24			C7	2	80
3092	0.37	0.17	4.62	34.707	27.87	30.26	4.91	134	2.28				2	80

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.731	-1.731	.134	34.046	27.423	29.832	32.211	36.882	66.59	0.000	1439.9	0
10	-1.727	-1.727	.146	34.059	27.433	29.842	32.221	36.891	65.57	.007	1440.1	10
20	-1.728	-1.728	.156	34.114	27.478	29.886	32.265	36.935	61.27	.013	1440.3	20
30	-1.719	-1.719	.180	34.234	27.575	29.983	32.362	37.030	51.98	.019	1440.7	30
40	-1.746	-1.747	.162	34.261	27.598	30.006	32.385	37.054	49.78	.024	1440.8	40
50	-1.765	-1.766	.150	34.268	27.604	30.012	32.391	37.061	49.18	.029	1440.9	50
60	-1.772	-1.774	.151	34.270	27.605	30.014	32.393	37.063	48.96	.034	1441.0	60
70	-1.778	-1.780	.153	34.286	27.619	30.027	32.406	37.076	47.63	.038	1441.2	71
80	-1.771	-1.773	.168	34.289	27.621	30.029	32.408	37.078	47.35	.043	1441.4	81
90	-1.734	-1.736	.213	34.295	27.625	30.033	32.411	37.080	46.91	.048	1441.7	91
100	-1.180	-1.182	.777	34.324	27.632	30.031	32.401	37.052	46.36	.053	1444.5	101
125	.521	.516	2.504	34.440	27.646	30.020	32.363	36.963	45.51	.064	1453.0	126
150	.941	.934	2.948	34.545	27.705	30.071	32.408	36.996	40.16	.075	1455.4	151
175	1.148	1.140	3.176	34.573	27.714	30.077	32.411	36.993	39.44	.085	1456.8	176
200	1.340	1.331	3.389	34.606	27.727	30.088	32.419	36.995	38.36	.094	1458.1	202



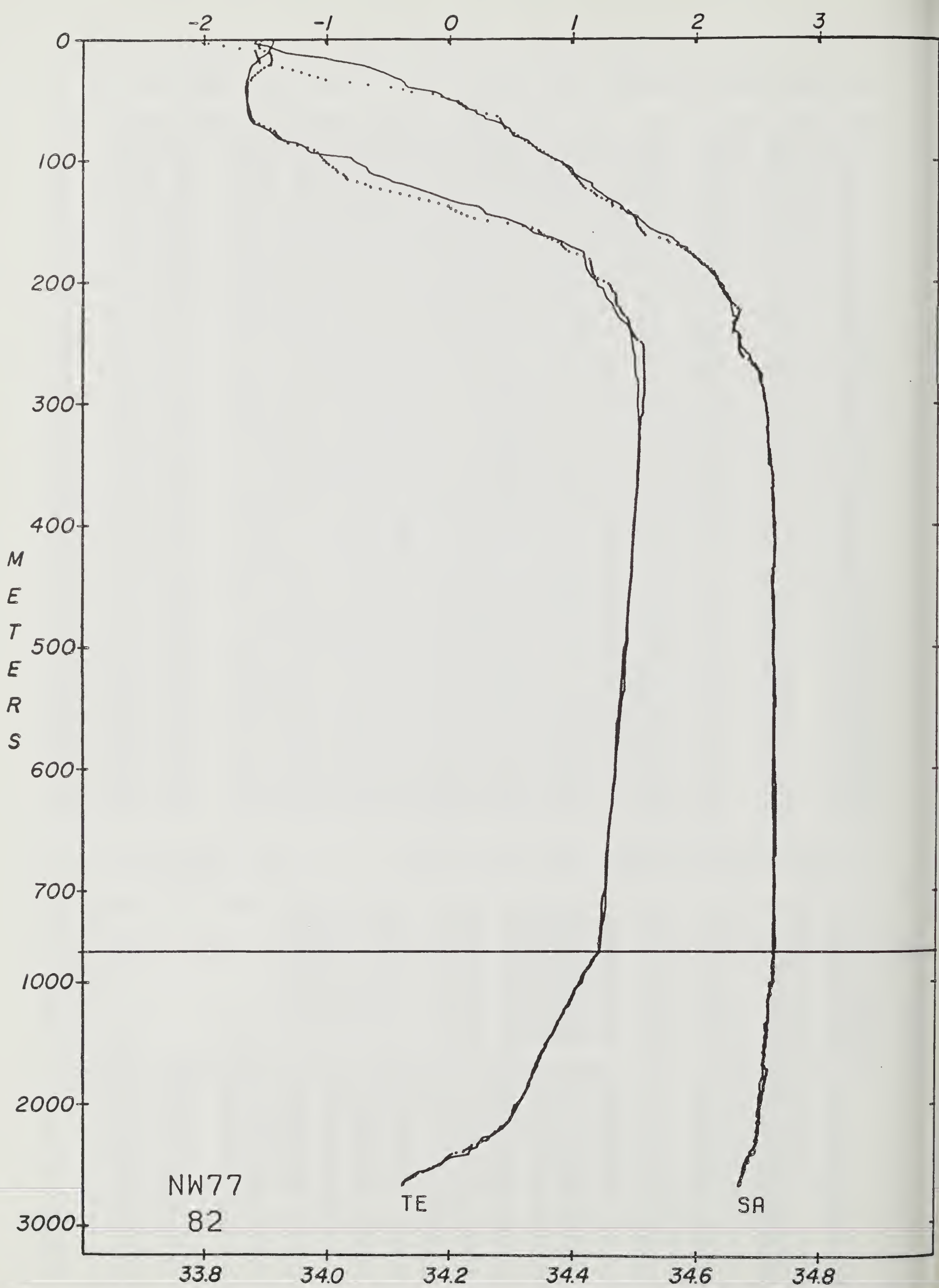
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 27.6S	174 38.2W	569	2863	998.7	230	10	-2.2	1		0	26	127	2JAN77	NW	77	1	81

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.632	-1.632	.226	33.922	27.320	29.728	32.106	36.773	76.35	0.000	1440.2	0
10	-1.632	-1.632	.233	33.924	27.322	29.730	32.108	36.777	76.12	.008	1440.4	10
20	-1.649	-1.649	.229	33.999	27.382	29.790	32.168	36.837	70.33	.015	1440.6	20
30	-1.661	-1.662	.231	34.124	27.484	29.891	32.269	36.937	60.64	.021	1440.8	30
40	-1.672	-1.673	.229	34.148	27.504	29.912	32.289	36.957	58.69	.027	1441.0	40
50	-1.671	-1.672	.240	34.196	27.543	29.951	32.328	36.996	54.91	.033	1441.2	50
60	-1.667	-1.668	.255	34.241	27.579	29.986	32.364	37.031	51.45	.038	1441.5	60
70	-1.619	-1.621	.313	34.295	27.622	30.028	32.404	37.070	47.33	.043	1441.9	71
80	-1.307	-1.309	.638	34.394	27.692	30.093	32.465	37.119	40.70	.048	1443.7	81
90	-.977	-.980	.977	34.412	27.696	30.091	32.457	37.102	40.42	.052	1445.5	91
100	-.544	-.547	1.420	34.455	27.713	30.102	32.461	37.092	38.91	.056	1447.7	101
125	.615	.610	2.604	34.564	27.741	30.112	32.454	37.050	36.62	.065	1453.6	126
150	1.157	1.150	3.170	34.644	27.770	30.133	32.466	37.047	34.13	.074	1456.5	151
175	1.424	1.415	3.457	34.664	27.768	30.127	32.456	37.030	34.50	.083	1458.1	176
200	1.435	1.445	3.508	34.671	27.771	30.130	32.459	37.031	34.29	.091	1458.7	202
225	1.576	1.564	3.648	34.688	27.775	30.133	32.460	37.029	34.04	.100	1459.7	227
250	1.599	1.586	3.691	34.689	27.775	30.132	32.459	37.027	34.21	.108	1460.2	252
275	1.609	1.595	3.719	34.692	27.777	30.134	32.460	37.029	34.12	.117	1460.7	277
300	1.602	1.586	3.732	34.694	27.779	30.136	32.463	37.031	34.01	.125	1461.0	302
325	1.591	1.574	3.740	34.697	27.782	30.139	32.467	37.035	33.79	.134	1461.4	328
350	1.575	1.556	3.743	34.700	27.786	30.144	32.471	37.040	33.53	.142	1461.8	353
375	1.559	1.539	3.746	34.702	27.788	30.147	32.474	37.044	33.35	.151	1462.1	378
400	1.550	1.529	3.756	34.704	27.791	30.149	32.477	37.046	33.21	.159	1462.5	403
425	1.526	1.503	3.751	34.706	27.794	30.153	32.481	37.051	32.96	.167	1462.8	429
450	1.504	1.480	3.749	34.710	27.798	30.158	32.486	37.057	32.63	.175	1463.1	454
475	1.477	1.452	3.741	34.713	27.803	30.162	32.491	37.063	32.27	.184	1463.4	479
500	1.451	1.424	3.733	34.714	27.806	30.166	32.495	37.068	32.01	.192	1463.7	504
550	1.411	1.382	3.732	34.716	27.810	30.171	32.501	37.075	31.70	.208	1464.4	555
600	1.381	1.349	3.740	34.720	27.815	30.177	32.507	37.082	31.37	.223	1465.1	605
650	1.344	1.309	3.741	34.723	27.821	30.183	32.514	37.089	30.95	.239	1465.7	656
700	1.315	1.278	3.750	34.722	27.822	30.185	32.516	37.093	30.93	.254	1466.4	706
750	1.272	1.232	3.745	34.724	27.827	30.190	32.522	37.100	30.55	.270	1467.1	757
800	1.240	1.197	3.751	34.725	27.830	30.194	32.526	37.105	30.35	.285	1467.8	808
850	1.206	1.160	3.755	34.726	27.833	30.198	32.531	37.111	30.12	.300	1468.5	858
900	1.177	1.128	3.764	34.726	27.835	30.200	32.534	37.115	29.99	.315	1469.2	909
950	1.152	1.101	3.777	34.726	27.836	30.203	32.536	37.118	29.91	.330	1469.9	959
1000	1.112	1.058	3.775	34.724	27.838	30.205	32.539	37.122	29.82	.345	1470.5	1010
1100	1.045	.985	3.784	34.722	27.840	30.209	32.544	37.129	29.59	.375	1471.9	1111
1200	.981	.915	3.795	34.722	27.845	30.215	32.551	37.138	29.22	.404	1473.3	1212
1300	.925	.853	3.816	34.718	27.845	30.216	32.554	37.142	29.19	.433	1474.7	1314
1400	.888	.810	3.854	34.716	27.846	30.218	32.556	37.146	29.17	.462	1476.3	1415
1500	.833	.749	3.875	34.714	27.848	30.221	32.560	37.152	28.95	.492	1477.7	1517
1600	.782	.691	3.899	34.711	27.849	30.223	32.563	37.156	28.82	.520	1479.2	1618
1700	.743	.646	3.937	34.708	27.849	30.224	32.565	37.159	28.80	.549	1480.7	1720
1800	.675	.571	3.944	34.708	27.853	30.230	32.571	37.168	28.22	.578	1482.1	1821
1900	.643	.533	3.988	34.711	27.857	30.235	32.577	37.175	27.79	.606	1483.6	1923
2000	.606	.489	4.027	34.708	27.857	30.236	32.579	37.178	27.72	.634	1485.2	2025
2100	.578	.453	4.075	34.708	27.859	30.239	32.582	37.182	27.52	.661	1486.8	2126
2200	.555	.423	4.127	34.708	27.860	30.241	32.585	37.185	27.35	.689	1488.4	2228
2300	.523	.384	4.172	34.707	27.861	30.242	32.587	37.189	27.21	.716	1489.9	2330
2400	.499	.351	4.223	34.708	27.863	30.246	32.590	37.193	26.93	.743	1491.6	2432
2500	.438	.283	4.238	34.703	27.863	30.247	32.593	37.198	26.60	.770	1493.0	2533
2600	.365	.204	4.241	34.703	27.867	30.253	32.599	37.207	25.79	.796	1494.4	2635
2700	.201	.034	4.152	34.689	27.865	30.252	32.602	37.214	24.91	.821	1495.4	2737
2800	-.047	-.216	3.979	34.665	27.859	30.250	32.603	37.223	23.62	.845	1496.0	2839
2854	-.268	-.438	3.800	34.692	27.892	30.286	32.642	37.268	18.99	.857	1495.9	2894

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 26.9S	174 41.6W	569	2863	998.4	190	10	-2.1	1		0	0	420	2JAN77	NW	77	2	81

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.67	-1.67	0.19	33.902	27.30	29.71	7.38	36	2.00			C7	2	81
31	-1.67	-1.67	0.22	34.149	27.50	29.91	7.07	36	1.92				2	81
78	-0.45	-0.45	1.49	34.404	27.67	30.06	5.81	68	2.17			C7	2	81
163	1.33	1.32	3.35	34.645	27.76	30.12	4.54	85	2.16			C7	2	81
335	1.56	1.54	3.72	34.697	27.78	30.14	4.40	89	2.29			D6C7	2	81
959	1.11	1.06	3.74	34.725	27.84	30.21	4.54	107	2.22				2	81
2192	0.56	0.43	4.13	34.708	27.86	30.24	4.93	126	2.26			C7	2	81
2437	0.50	0.35	4.25	34.705	27.86	30.24	4.93	123	2.30	-0.15			2	81
2624	0.36	0.20	4.25	34.703	27.87	30.25	5.08	123	2.27			C7	2	81
2786	-0.01	-0.18	4.01	34.676	27.87	30.26						C1	2	81
2858	-0.27	-0.44	3.80	34.678	27.88	30.27	5.66	96	2.20	-0.30		A25	2	81

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.668	-1.668	.189	33.912	27.313	29.722	32.100	36.770	77.03	0.000	1440.0	0
10	-1.671	-1.671	.194	33.916	27.316	29.725	32.104	36.774	76.64	.008	1440.2	10
20	-1.685	-1.686	.192	34.012	27.394	29.803	32.181	36.851	69.20	.015	1440.4	20
30	-1.681	-1.681	.211	34.117	27.479	29.887	32.265	36.934	61.06	.021	1440.7	30
40	-1.659	-1.660	.246	34.210	27.554	29.961	32.339	37.006	53.93	.027	1441.1	40
50	-1.604	-1.605	.308	34.212	27.554	29.961	32.337	37.003	53.87	.033	1441.6	50
60	-1.262	-1.263	.659	34.232	27.560	29.961	32.332	36.987	53.32	.038	1443.4	60
70	-.949	-.951	.982	34.269	27.579	29.975	32.341	36.986	51.51	.043	1445.1	71
80	-.548	-.551	1.392	34.302	27.590	29.979	32.339	36.972	50.58	.048	1447.1	81
90	-.260	-.263	1.690	34.330	27.599	29.984	32.340	36.964	49.74	.053	1448.7	91
100	.182	.178	2.145	34.429	27.636	30.035	32.383	36.993	44.44	.058	1451.0	101
125	.941	.936	2.930	34.545	27.705	30.071	32.408	36.996	40.12	.069	1455.0	126
150	1.210	1.203	3.220	34.590	27.723	30.086	32.418	36.998	38.55	.078	1456.7	151
175	1.373	1.365	3.404	34.627	27.742	30.102	32.432	37.007	36.93	.088	1457.9	176
200	1.475	1.465	3.526	34.648	27.751	30.110	32.439	37.011	36.18	.097	1458.8	202
225	1.538	1.526	3.608	34.661	27.757	30.115	32.443	37.013	35.76	.106	1459.5	227
250	1.574	1.561	3.665	34.678	27.768	30.125	32.452	37.022	34.86	.115	1460.1	252



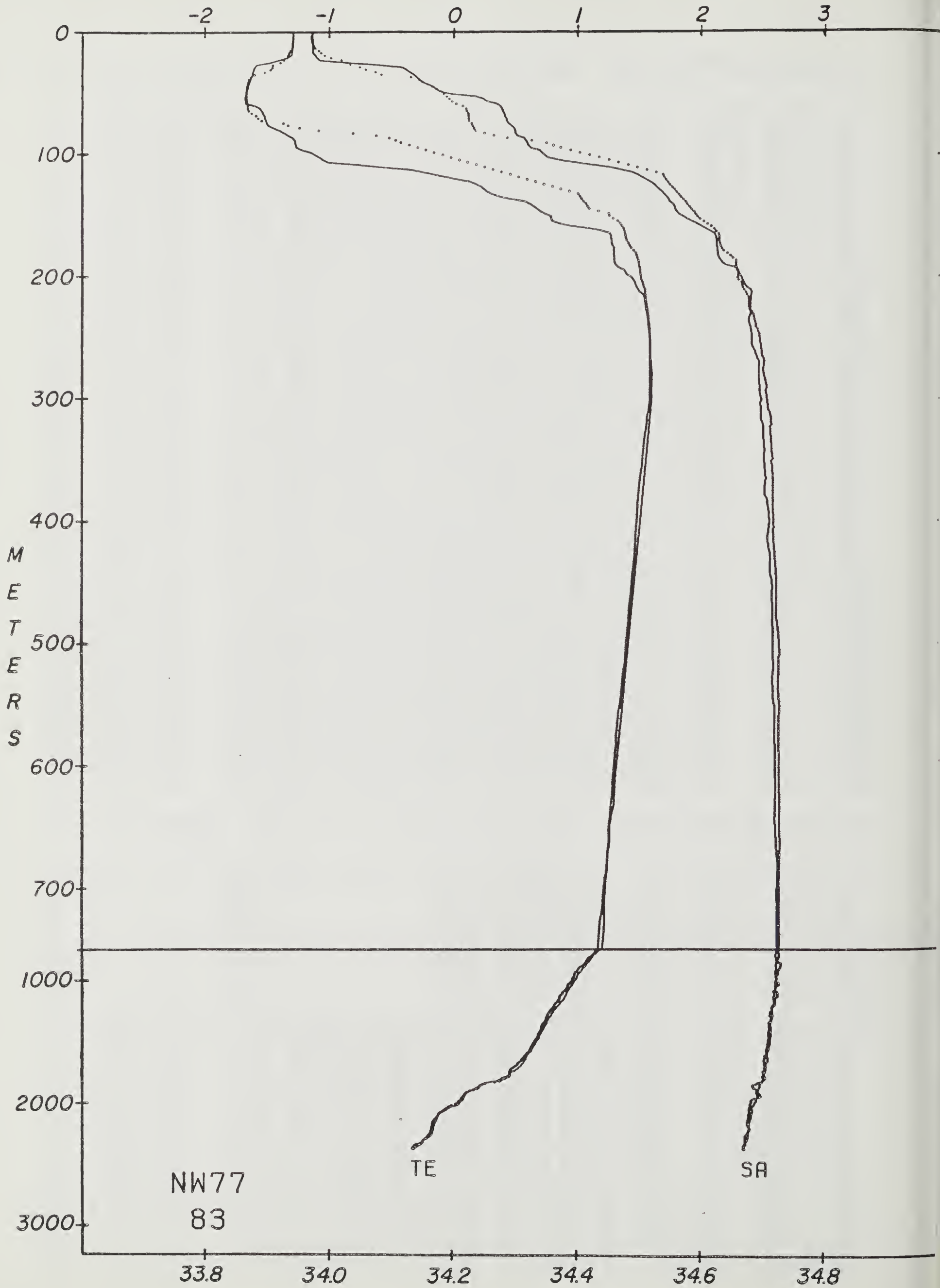
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 34.6S 175 41.7W 569 2664 998.3 200 7 -2.0 0 0 23 606 2JAN77 NW 77 1 82

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.423	-1.423	.433	33.887	27.286	29.691	32.066	36.728	79.38	0.000	1441.1	0
10	-1.459	-1.459	.406	33.928	27.320	29.725	32.100	36.763	76.23	.008	1441.2	10
20	-1.571	-1.571	.309	34.039	27.413	29.820	32.196	36.862	67.42	.015	1441.0	20
30	-1.623	-1.624	.268	34.106	27.468	29.875	32.253	36.919	62.11	.021	1441.0	30
40	-1.646	-1.647	.254	34.138	27.495	29.902	32.280	36.947	59.34	.028	1441.1	40
50	-1.637	-1.638	.275	34.202	27.547	29.954	32.331	36.997	54.55	.033	1441.4	50
60	-1.629	-1.630	.293	34.241	27.578	29.985	32.362	37.027	51.54	.039	1441.7	60
70	-1.571	-1.573	.360	34.285	27.613	30.018	32.394	37.057	48.23	.044	1442.2	71
80	-1.406	-1.408	.535	34.308	27.626	30.029	32.402	37.060	46.95	.048	1443.1	81
90	-1.156	-1.158	.794	34.341	27.644	30.043	32.412	37.063	45.23	.053	1444.5	91
100	-.770	-.773	1.190	34.377	27.659	30.052	32.415	37.053	43.92	.057	1446.5	101
125	-.214	-.219	1.768	34.440	27.686	30.070	32.424	37.046	41.51	.068	1449.6	126
150	.525	.519	2.530	34.515	27.706	30.079	32.422	37.022	39.87	.078	1453.5	151
175	1.077	1.069	3.106	34.590	27.732	30.097	32.431	37.015	37.72	.088	1456.5	176
200	1.206	1.196	3.257	34.639	27.763	30.126	32.458	37.038	34.92	.097	1457.5	202
225	1.369	1.358	3.440	34.662	27.770	30.130	32.461	37.035	34.42	.106	1458.7	227
250	1.501	1.489	3.592	34.674	27.770	30.128	32.456	37.028	34.62	.114	1459.7	252
275	1.526	1.512	3.638	34.707	27.794	30.152	32.480	37.050	32.41	.123	1460.3	277
300	1.539	1.523	3.670	34.715	27.800	30.158	32.486	37.055	31.97	.131	1460.8	302
325	1.550	1.533	3.700	34.719	27.803	30.161	32.488	37.058	31.82	.139	1461.3	328
350	1.540	1.522	3.709	34.721	27.805	30.163	32.490	37.060	31.71	.147	1461.6	353
375	1.529	1.510	3.718	34.727	27.811	30.169	32.497	37.067	31.23	.155	1462.0	378
400	1.514	1.493	3.722	34.730	27.814	30.173	32.501	37.072	30.98	.162	1462.4	403
425	1.497	1.475	3.724	34.729	27.814	30.174	32.502	37.073	31.01	.170	1462.7	429
450	1.481	1.457	3.726	34.726	27.813	30.173	32.501	37.073	31.18	.178	1463.0	454
475	1.461	1.436	3.725	34.728	27.816	30.176	32.505	37.077	30.96	.186	1463.4	479
500	1.451	1.424	3.734	34.727	27.816	30.176	32.506	37.078	31.04	.193	1463.7	504
550	1.404	1.375	3.726	34.727	27.820	30.181	32.510	37.084	30.83	.209	1464.3	555
600	1.356	1.324	3.715	34.726	27.822	30.184	32.515	37.090	30.66	.224	1465.0	605
650	1.303	1.269	3.701	34.728	27.828	30.190	32.522	37.099	30.23	.239	1465.6	656
700	1.283	1.246	3.719	34.730	27.831	30.194	32.526	37.103	30.06	.254	1466.3	706
750	1.231	1.191	3.704	34.727	27.832	30.196	32.529	37.108	29.98	.269	1466.9	757
800	1.183	1.140	3.694	34.728	27.836	30.201	32.534	37.115	29.63	.284	1467.5	808
850	1.156	1.111	3.705	34.725	27.835	30.201	32.535	37.116	29.76	.299	1468.2	858
900	1.130	1.082	3.717	34.727	27.839	30.205	32.539	37.121	29.52	.314	1469.0	909
950	1.102	1.051	3.727	34.726	27.840	30.207	32.541	37.124	29.46	.329	1469.7	959
1000	1.089	1.035	3.751	34.721	27.837	30.204	32.539	37.122	29.83	.344	1470.4	1010
1100	1.013	.954	3.752	34.724	27.844	30.213	32.549	37.135	29.17	.373	1471.8	1111
1200	.958	.893	3.773	34.720	27.845	30.215	32.552	37.139	29.16	.402	1473.2	1212
1300	.911	.840	3.802	34.720	27.848	30.219	32.557	37.145	28.91	.431	1474.7	1314
1400	.862	.784	3.828	34.718	27.849	30.222	32.560	37.150	28.77	.460	1476.1	1415
1500	.805	.721	3.847	34.716	27.851	30.225	32.564	37.157	28.53	.489	1477.6	1517
1600	.758	.667	3.875	34.712	27.851	30.226	32.566	37.160	28.51	.517	1479.1	1618
1700	.715	.618	3.909	34.711	27.853	30.229	32.569	37.165	28.29	.546	1480.6	1720
1800	.663	.559	3.932	34.708	27.854	30.231	32.573	37.170	28.10	.574	1482.0	1821
1900	.626	.516	3.971	34.706	27.854	30.232	32.575	37.173	27.98	.602	1483.6	1923
2000	.570	.453	3.991	34.704	27.856	30.236	32.579	37.179	27.63	.630	1485.0	2025
2100	.518	.394	4.015	34.707	27.861	30.242	32.586	37.188	26.94	.657	1486.5	2126
2200	.417	.287	3.989	34.704	27.865	30.248	32.593	37.198	26.11	.684	1487.7	2228
2300	.268	.133	3.916	34.702	27.872	30.257	32.604	37.214	24.65	.709	1488.8	2330
2400	.172	.031	3.896	34.697	27.873	30.260	32.609	37.221	23.97	.733	1490.1	2432
2500	-.077	-.222	3.722	34.683	27.875	30.265	32.618	37.238	22.14	.756	1490.7	2533
2600	-.308	-.456	3.567	34.678	27.882	30.276	32.632	37.259	19.83	.777	1491.3	2635
2658	-.362	-.513	3.557	34.675	27.883	30.277	32.634	37.263	19.37	.789	1492.1	2694

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 34.4S 175 40.0W 569 2664 998.0 200 10 -1.2 0 0 0 848 2JAN77 NW 77 2 82

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-1.52	-1.52	0.33	33.760	27.19	29.59				-0.31			2	82
49	-1.63	-1.63	0.28	34.201	27.55	29.95				-0.36		C7	2	82
136	-0.03	-0.04	1.96	34.470	27.70	30.08				-0.20		C7	2	82
306	1.57	1.55	3.71	34.717	27.80	30.16				-0.03	0.02		2	82
670	1.29	1.25	3.70	34.730	27.83	30.19				-0.05	0.01	C7	2	82
1209	0.94	0.87	3.76	34.720	27.85	30.22				-0.10			2	82
1529	0.80	0.71	3.86	34.713	27.85	30.22				-0.15	0.07	C7	2	82
1984	0.57	0.45	3.98	34.708	27.86	30.24				-0.14			2	82
2231	0.38	0.25	3.98	34.703	27.87	30.25				-0.21	0.11	C7	2	82
2612	-0.29	-0.44	3.59	34.677	27.88	30.27				-0.26	0.26	A	2	82

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.516	-1.516	.333	33.759	27.185	29.592	31.969	36.635	89.16	0.000	1440.5	0
10	-1.491	-1.491	.372	33.882	27.284	29.690	32.066	36.730	79.74	.008	1441.0	10
20	-1.437	-1.438	.434	33.898	27.295	29.700	32.075	36.738	78.60	.016	1441.4	20
30	-1.569	-1.570	.314	33.975	27.361	29.768	32.145	36.811	72.27	.024	1441.1	30
40	-1.627	-1.628	.272	34.105	27.468	29.875	32.252	36.919	62.11	.031	1441.1	40
50	-1.630	-1.631	.282	34.204	27.549	29.955	32.332	36.998	54.40	.036	1441.4	50
60	-1.609	-1.610	.313	34.246	27.582	29.988	32.364	37.030	51.21	.042	1441.8	60
70	-1.533	-1.534	.399	34.288	27.614	30.019	32.394	37.056	48.12	.047	1442.3	71
80	-1.377	-1.379	.564	34.313	27.629	30.032	32.404	37.062	46.63	.051	1443.3	81
90	-1.141	-1.144	.809	34.343	27.646	30.045	32.413	37.064	45.06	.056	1444.6	91
100	-1.005	-1.008	.954	34.376	27.668	30.064	32.431	37.076	43.03	.060	1445.4	101
125	-.505	-.509	1.476	34.427	27.689	30.077	32.436	37.066	41.14	.071	1448.2	126
150	.332	.326	2.338	34.506	27.710	30.086	32.432	37.037	39.39	.081	1452.6	151
175	.973	.965	3.001	34.589	27.738	30.104	32.440	37.027	37.10	.091	1456.0	176
200	1.267	1.258	3.318	34.639	27.758	30.120	32.452	37.030	35.40	.100	1457.8	202
225	1.415	1.404	3.486	34.673	27.776	30.135	32.465	37.038	33.93	.108	1458.9	227
250	1.566	1.553	3.656	34.672	27.764	30.122	32.449	37.018	35.21	.117	1460.0	252
275	1.594	1.580	3.706	34.705	27.788	30.145	32.472	37.040	33.08	.125	1460.6	277
300	1.582	1.567	3.713	34.715	27.797	30.154	32.481	37.050	32.31	.134	1461.0	302
325	1.553	1.536	3.703	34.718	27.801	30.159	32.487	37.056	31.95	.142	1461.3	328



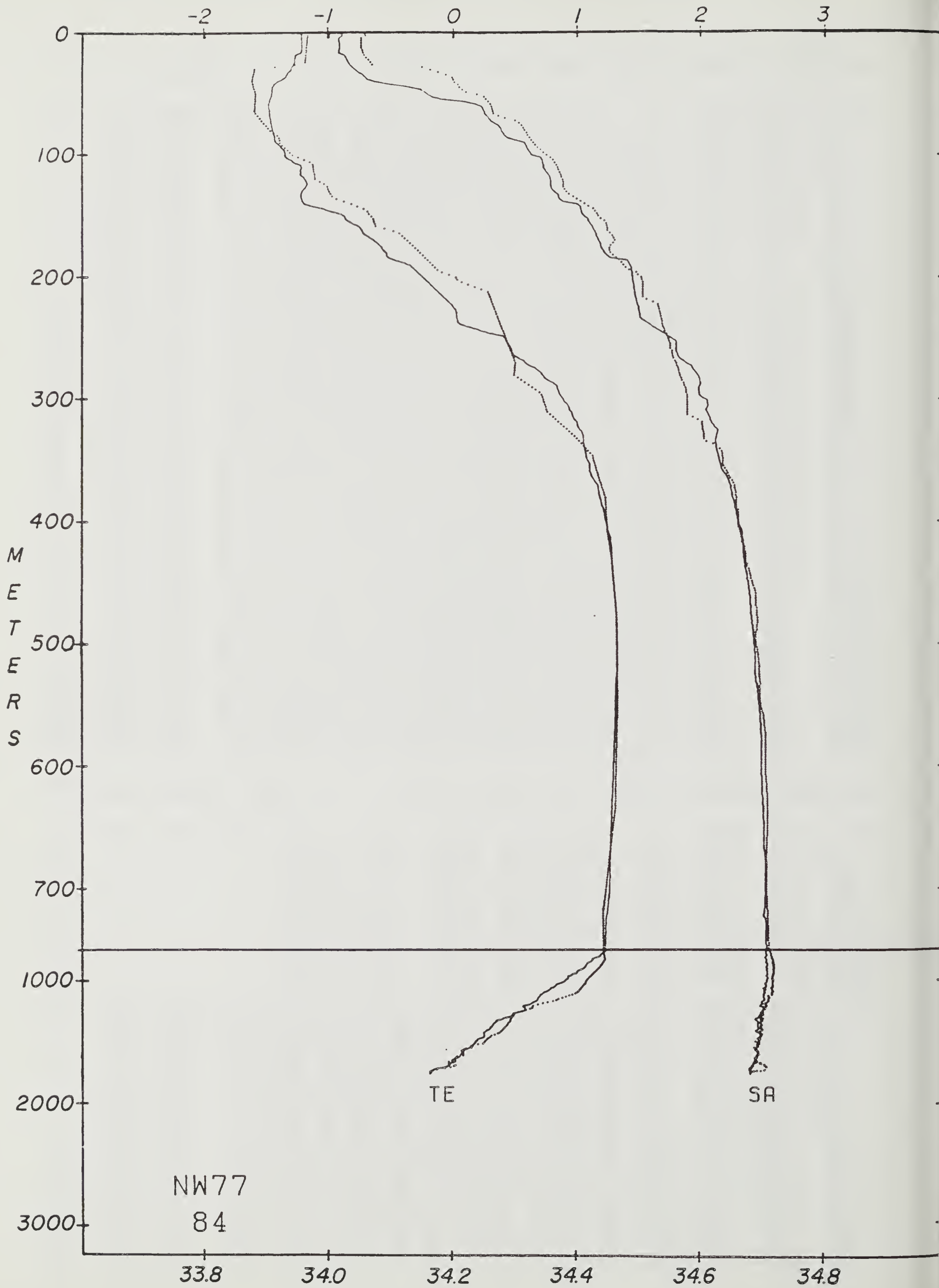
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 39.5S	175 59.3W	669	2392	998.1	190	8	-1.7	0	0	0	20	1114	2JAN77	NW	77	1	83

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.289	-1.289	.572	33.972	27.351	29.753	32.125	36.783	73.44	0.000	1441.9	0
10	-1.290	-1.291	.578	33.974	27.352	29.755	32.127	36.785	73.23	.007	1442.1	10
20	-1.307	-1.308	.569	33.978	27.356	29.759	32.131	36.790	72.82	.015	1442.1	20
30	-1.399	-1.600	.293	34.117	27.477	29.883	32.260	36.926	61.34	.021	1441.1	30
40	-1.632	-1.633	.269	34.146	27.501	29.908	32.285	36.952	58.95	.027	1441.2	40
50	-1.662	-1.663	.248	34.182	27.531	29.939	32.316	36.983	56.02	.033	1441.3	50
60	-1.653	-1.654	.270	34.270	27.602	30.009	32.386	37.053	49.25	.038	1441.6	60
70	-1.519	-1.521	.413	34.285	27.611	30.015	32.390	37.052	48.44	.043	1442.4	71
80	-1.442	-1.444	.498	34.300	27.621	30.024	32.398	37.057	47.47	.048	1442.9	81
90	-1.277	-1.279	.672	34.318	27.630	30.031	32.402	37.057	46.52	.053	1443.9	91
100	-1.148	-1.151	.810	34.344	27.647	30.046	32.414	37.065	44.96	.057	1444.7	101
125	.166	.161	2.153	34.523	27.733	30.111	32.459	37.070	37.15	.068	1451.5	126
150	.746	.739	2.754	34.566	27.734	30.104	32.443	37.036	37.30	.077	1454.6	151
175	1.286	1.277	3.317	34.627	27.748	30.109	32.441	37.018	36.31	.086	1457.5	176
200	1.415	1.405	3.467	34.665	27.769	30.129	32.458	37.032	34.44	.095	1458.5	202
225	1.560	1.549	3.632	34.681	27.772	30.129	32.456	37.026	34.40	.104	1459.6	227
250	1.595	1.582	3.686	34.684	27.771	30.128	32.456	37.024	34.53	.112	1460.2	252
275	1.609	1.595	3.720	34.695	27.779	30.136	32.463	37.031	33.90	.121	1460.7	277
300	1.612	1.596	3.742	34.699	27.782	30.139	32.466	37.034	33.73	.129	1461.1	302
325	1.589	1.572	3.738	34.703	27.787	30.144	32.471	37.040	33.33	.138	1461.4	328
350	1.565	1.547	3.734	34.704	27.790	30.148	32.475	37.044	33.16	.146	1461.7	353
375	1.542	1.522	3.729	34.705	27.792	30.150	32.478	37.048	32.99	.154	1462.0	378
400	1.518	1.497	3.725	34.713	27.800	30.159	32.487	37.058	32.29	.162	1462.3	403
425	1.495	1.472	3.720	34.713	27.802	30.161	32.489	37.061	32.22	.170	1462.7	429
450	1.471	1.448	3.716	34.717	27.807	30.166	32.495	37.067	31.81	.178	1463.0	454
475	1.447	1.422	3.711	34.718	27.809	30.169	32.498	37.071	31.60	.186	1463.3	479
500	1.424	1.398	3.707	34.719	27.812	30.172	32.502	37.075	31.42	.194	1463.6	504
550	1.377	1.348	3.698	34.721	27.816	30.178	32.508	37.082	31.11	.210	1464.2	555
600	1.331	1.299	3.690	34.723	27.822	30.184	32.515	37.091	30.68	.225	1464.8	605
650	1.273	1.239	3.670	34.724	27.826	30.190	32.521	37.099	30.30	.240	1465.4	656
700	1.239	1.202	3.674	34.727	27.831	30.195	32.527	37.106	29.94	.256	1466.1	706
750	1.217	1.178	3.691	34.727	27.833	30.197	32.530	37.109	29.89	.271	1466.8	757
800	1.155	1.113	3.666	34.725	27.835	30.201	32.535	37.116	29.62	.285	1467.4	808
850	1.115	1.070	3.664	34.727	27.840	30.206	32.540	37.122	29.26	.300	1468.1	858
900	1.077	1.029	3.664	34.726	27.842	30.209	32.543	37.127	29.12	.315	1468.7	909
950	1.035	.984	3.659	34.725	27.844	30.212	32.547	37.132	28.94	.329	1469.4	959
1000	1.009	.955	3.672	34.727	27.847	30.215	32.551	37.137	28.71	.344	1470.1	1010
1100	.941	.882	3.680	34.723	27.848	30.218	32.555	37.143	28.58	.372	1471.5	1111
1200	.879	.814	3.693	34.723	27.852	30.223	32.561	37.151	28.20	.401	1472.9	1212
1300	.809	.738	3.699	34.722	27.856	30.229	32.568	37.159	27.80	.429	1474.2	1314
1400	.751	.674	3.717	34.718	27.856	30.230	32.570	37.164	27.71	.456	1475.7	1415
1500	.699	.617	3.741	34.717	27.859	30.234	32.574	37.170	27.43	.484	1477.1	1517
1600	.635	.546	3.753	34.712	27.858	30.235	32.577	37.174	27.29	.511	1478.5	1618
1700	.572	.477	3.765	34.709	27.860	30.238	32.581	37.180	26.99	.538	1479.9	1720
1800	.446	.345	3.714	34.704	27.863	30.243	32.588	37.191	26.17	.565	1481.0	1821
1900	.193	.089	3.537	34.698	27.873	30.257	32.605	37.216	24.09	.590	1481.6	1923
2000	.080	-.029	3.500	34.694	27.875	30.261	32.611	37.225	23.28	.614	1482.8	2025
2100	-.087	-.201	3.409	34.687	27.879	30.267	32.620	37.239	22.00	.637	1483.7	2126
2200	-.158	-.278	3.413	34.682	27.878	30.268	32.622	37.244	21.55	.658	1485.1	2228
2300	-.205	-.332	3.441	34.676	27.876	30.267	32.621	37.245	21.41	.680	1486.6	2330
2389	-.320	-.451	3.394	34.673	27.879	30.272	32.628	37.255	20.31	.698	1487.6	2420

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 38.8S	175 53.0W	569	2392	998.0	200	12	-1.7	0	0	0	0	1331	2JAN77	NW	77	2	83

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	C-18	TRIT	FLAG	M	STN
1	-1.29	-1.29	0.57	33.975	27.35	29.76	7.45	53	1.96			C7	2	83
58	-1.66	-1.66	0.26	34.201	27.55	29.95	6.53	54	2.06				2	83
122	0.92	0.91	2.91	34.570	27.73	30.09	4.59	77	2.27			C7	2	83
286	1.60	1.59	3.72	34.706	27.79	30.15	4.28	87	2.18				2	83
839	1.10	1.06	3.64	34.726	27.84	30.21		108	2.28			C7	2	83
1335	0.76	0.69	3.68	34.717	27.85	30.23	4.72	119	2.26				2	83
1660	0.56	0.47	3.72	34.707	27.86	30.24	4.78	122	2.27			C7	2	83
1855	0.28	0.18	3.59	34.700	27.87	30.25	5.30	112	2.28				2	83
2058	-0.04	-0.15	3.42	34.688	27.88	30.26	5.33	101	2.13			C7	2	83
2240	-0.16	-0.28	3.44	34.681	27.88	30.27	5.27	100	2.21				2	83
2325	-0.23	-0.36	3.44	34.678	27.88	30.27	5.37	99	2.28			C7	2	83
2388	-0.31	-0.44	3.40	34.675	27.88	30.27	5.48	97	2.19				2	83

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.287	-1.287	.574	33.972	27.351	29.753	32.125	36.783	73.45	0.000	1441.9	0
10	-1.294	-1.294	.574	33.974	27.352	29.755	32.127	36.785	73.24	.007	1442.0	10
20	-1.332	-1.332	.545	33.994	27.370	29.773	32.146	36.805	71.54	.015	1442.0	20
30	-1.459	-1.460	.428	34.049	27.418	29.823	32.198	36.860	66.87	.021	1441.7	30
40	-1.643	-1.644	.257	34.146	27.501	29.908	32.286	36.953	58.93	.028	1441.1	40
50	-1.664	-1.665	.246	34.181	27.531	29.938	32.315	36.983	56.10	.034	1441.2	50
60	-1.656	-1.657	.264	34.207	27.551	29.958	32.336	37.003	54.09	.039	1441.5	60
70	-1.588	-1.590	.340	34.225	27.564	29.970	32.346	37.011	52.79	.044	1442.0	71
80	-1.228	-1.230	.709	34.235	27.561	29.961	32.332	36.985	53.15	.050	1443.9	81
90	-.465	-.468	1.484	34.326	27.605	29.994	32.352	36.982	49.12	.055	1447.7	91
100	-.147	-.151	1.814	34.406	27.655	30.038	32.392	37.012	44.49	.059	1449.4	101
125	.705	.700	2.694	34.550	27.724	30.094	32.434	37.028	38.26	.070	1453.9	126
150	1.252	1.244	3.262	34.593	27.723	30.085	32.417	36.996	38.57	.079	1456.9	151
175	1.426	1.417	3.457	34.633	27.743	30.102	32.431	37.005	36.88	.089	1458.1	176
200	1.520	1.510	3.572	34.661	27.758	30.116	32.444	37.015	35.54	.098	1459.0	202
225	1.571	1.559	3.643	34.679	27.769	30.127	32.454	37.023	34.63	.107	1459.6	227
250	1.596	1.583	3.688	34.696	27.781	30.138	32.465	37.033	33.62	.115	1460.2	252
275	1.597	1.583	3.709	34.703	27.786	30.143	32.470	37.038	33.25	.124	1460.6	277
300	1.594	1.578	3.725	34.709	27.791	30.148	32.475	37.043	32.87	.132	1461.0	302
325	1.563	1.546	3.713	34.714	27.797	30.155	32.482	37.051	32.35	.140	1461.3	328
350	1.534	1.516	3.703	34.717	27.802	30.161	32.488	37.058	31.93	.148	1461.6	353



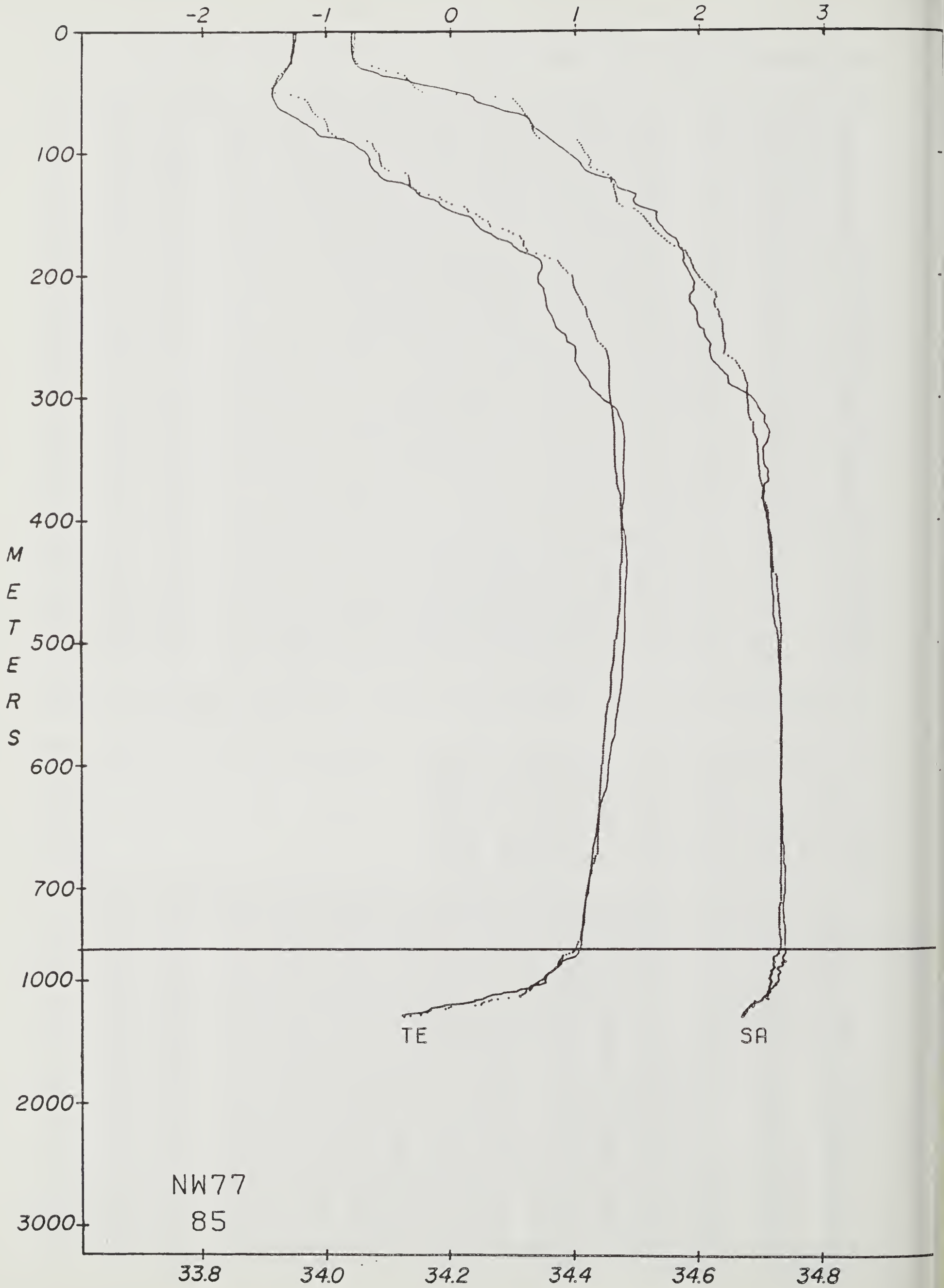
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 44.2S 176 25.4W 569 1761 997.4 190 25 -1.2 0 0 19 1448 2JAN77 NW 77 1 84

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.220	-1.220	.644	34.020	27.387	29.788	32.160	36.815	69.97	0.000	1442.3	0
10	-1.218	-1.218	.653	34.016	27.384	29.785	32.156	36.812	70.22	.007	1442.5	10
20	-1.274	-1.274	.605	34.027	27.395	29.797	32.169	36.826	69.16	.014	1442.4	20
30	-1.310	-1.311	.577	34.042	27.408	29.810	32.183	36.841	67.85	.021	1442.4	30
40	-1.412	-1.413	.484	34.076	27.438	29.842	32.216	36.877	64.93	.027	1442.1	40
50	-1.463	-1.465	.446	34.159	27.508	29.912	32.286	36.948	58.31	.034	1442.2	50
60	-1.484	-1.485	.438	34.246	27.578	29.983	32.357	37.019	51.54	.039	1442.3	60
70	-1.471	-1.473	.459	34.258	27.588	29.992	32.366	37.027	50.62	.044	1442.6	71
80	-1.448	-1.450	.491	34.278	27.603	30.007	32.381	37.041	49.09	.049	1442.9	81
90	-1.412	-1.414	.536	34.314	27.631	30.034	32.407	37.065	46.45	.054	1443.3	91
100	-1.349	-1.352	.608	34.329	27.641	30.043	32.415	37.072	45.41	.059	1443.8	101
125	-1.179	-1.183	.798	34.358	27.659	30.058	32.428	37.079	43.69	.070	1443.0	126
150	-.879	-.883	1.121	34.411	27.692	30.086	32.450	37.092	40.65	.080	1446.9	151
175	-.579	-.584	1.442	34.439	27.702	30.091	32.451	37.084	39.77	.090	1448.7	176
200	-.245	-.252	1.797	34.490	27.728	30.112	32.467	37.089	37.44	.100	1450.8	202
225	.009	.001	2.071	34.500	27.723	30.104	32.454	37.070	37.99	.109	1452.4	227
250	.422	.412	2.506	34.555	27.745	30.119	32.464	37.066	36.23	.119	1454.7	252
275	.676	.663	2.780	34.590	27.758	30.128	32.469	37.064	35.21	.128	1456.3	277
300	.894	.880	3.019	34.611	27.761	30.128	32.466	37.055	35.14	.136	1457.8	302
325	1.031	1.016	3.176	34.629	27.766	30.132	32.467	37.052	34.80	.145	1458.8	328
350	1.090	1.073	3.254	34.632	27.765	30.130	32.465	37.047	35.02	.154	1459.5	353
375	1.177	1.158	3.361	34.652	27.775	30.139	32.472	37.053	34.22	.163	1460.3	378
400	1.239	1.219	3.442	34.663	27.779	30.142	32.475	37.053	33.94	.171	1461.0	403
425	1.281	1.259	3.504	34.671	27.783	30.145	32.477	37.055	33.73	.180	1461.6	429
450	1.298	1.276	3.541	34.678	27.788	30.150	32.482	37.059	33.35	.188	1462.2	454
475	1.320	1.296	3.582	34.683	27.790	30.152	32.483	37.059	33.28	.196	1462.7	479
500	1.328	1.302	3.609	34.688	27.794	30.156	32.487	37.063	32.99	.204	1463.1	504
550	1.310	1.281	3.629	34.696	27.801	30.164	32.495	37.072	32.39	.221	1463.9	555
600	1.294	1.263	3.652	34.699	27.805	30.163	32.500	37.076	32.18	.237	1464.6	605
650	1.274	1.240	3.670	34.703	27.810	30.173	32.505	37.082	31.96	.253	1465.4	656
700	1.263	1.226	3.697	34.706	27.813	30.177	32.508	37.087	31.69	.269	1466.2	706
750	1.232	1.192	3.704	34.708	27.817	30.181	32.513	37.093	31.41	.285	1466.9	757
800	1.181	1.138	3.691	34.707	27.819	30.185	32.518	37.098	31.19	.300	1467.5	808
850	1.092	1.047	3.640	34.708	27.826	30.192	32.527	37.110	30.51	.316	1467.9	858
900	1.049	1.001	3.635	34.709	27.829	30.197	32.532	37.117	30.20	.331	1468.6	909
950	.960	.910	3.584	34.709	27.836	30.205	32.541	37.128	29.49	.346	1469.0	959
1000	.903	.851	3.565	34.708	27.838	30.209	32.546	37.135	29.17	.360	1469.6	1010
1100	.727	.670	3.465	34.704	27.846	30.219	32.559	37.153	28.11	.389	1470.5	1111
1200	.584	.522	3.397	34.696	27.848	30.224	32.566	37.164	27.61	.417	1471.5	1212
1300	.435	.368	3.323	34.695	27.857	30.234	32.579	37.181	26.42	.444	1472.5	1314
1400	.286	.215	3.251	34.691	27.862	30.242	32.589	37.196	25.44	.470	1473.5	1415
1500	.178	.101	3.219	34.697	27.873	30.255	32.603	37.214	24.01	.495	1474.7	1517
1600	.059	-.022	3.176	34.694	27.877	30.261	32.611	37.225	23.14	.518	1475.9	1618
1700	-.055	-.142	3.137	34.685	27.875	30.261	32.613	37.231	22.73	.541	1477.1	1720
1759	-.190	-.279	3.046	34.682	27.880	30.268	32.622	37.244	21.62	.554	1477.4	1779

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 43.1S 176 18.6W 569 1761 997.3 200 19 -1.1 0 0 0 1653 2JAN77 NW 77 2 84

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.17	-1.17	0.70	34.053	27.41	29.81		57				C7	2	84
23	-1.20	-1.20	0.68	34.064	27.42	29.82		58					2	84
52	-1.59	-1.59	0.33	34.249	27.58	29.99		58				C7	2	84
101	-1.21	-1.21	0.75	34.366	27.67	30.07							2	84
150	-0.66	-0.66	1.34	34.436	27.70	30.09		66				C7	2	84
450	1.29	1.27	3.53	34.685	27.79	30.16		90					2	84
1149	0.85	0.79	3.62	34.709	27.84	30.21						C7	2	84
1643	0.00	-0.08	3.15	34.690	27.88	30.26							2	84
1745	-0.19	-0.28	3.04	34.686	27.88	30.27						A	2	84

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.170	-1.170	.696	34.057	27.416	29.816	32.186	36.840	67.29	0.000	1442.6	0
10	-1.178	-1.178	.695	34.051	27.411	29.811	32.182	36.836	67.67	.007	1442.7	10
20	-1.186	-1.186	.695	34.060	27.418	29.818	32.189	36.843	66.96	.013	1442.8	20
30	-1.369	-1.370	.325	34.163	27.514	29.920	32.296	36.960	57.82	.020	1441.3	30
40	-1.618	-1.618	.287	34.204	27.548	29.954	32.331	36.997	54.55	.025	1441.3	40
50	-1.591	-1.592	.323	34.237	27.574	29.980	32.356	37.021	52.01	.031	1441.7	50
60	-1.596	-1.598	.326	34.263	27.595	30.001	32.377	37.042	49.97	.036	1441.8	60
70	-1.556	-1.557	.376	34.285	27.612	30.017	32.393	37.056	48.30	.041	1442.2	71
80	-1.467	-1.468	.474	34.316	27.634	30.038	32.412	37.072	46.17	.045	1442.9	81
90	-1.386	-1.388	.563	34.329	27.643	30.045	32.418	37.075	45.34	.050	1443.4	91
100	-1.283	-1.286	.675	34.352	27.658	30.058	32.429	37.084	43.89	.054	1444.1	101
125	-1.025	-1.028	.954	34.378	27.670	30.067	32.434	37.080	42.68	.065	1445.8	126
150	-.660	-.665	1.341	34.435	27.702	30.093	32.454	37.089	39.79	.076	1448.0	151
175	-.319	-.326	1.702	34.453	27.701	30.087	32.443	37.068	39.92	.086	1450.0	176
200	.012	.004	2.055	34.504	27.726	30.107	32.457	37.072	37.74	.095	1452.0	202
225	.329	.320	2.393	34.533	27.732	30.108	32.454	37.059	37.34	.105	1453.9	227
250	.424	.414	2.508	34.548	27.739	30.113	32.458	37.060	36.78	.114	1454.7	252
275	.495	.483	2.598	34.565	27.748	30.122	32.465	37.066	35.98	.123	1455.5	277
300	.727	.713	2.850	34.579	27.746	30.116	32.456	37.050	36.39	.132	1457.0	302
325	.926	.910	3.069	34.605	27.754	30.121	32.458	37.046	35.95	.141	1458.3	328
350	1.135	1.118	3.300	34.637	27.766	30.131	32.464	37.046	34.95	.150	1459.7	353
375	1.213	1.195	3.398	34.658	27.777	30.140	32.473	37.052	34.06	.159	1460.5	378
400	1.240	1.220	3.444	34.662	27.779	30.142	32.474	37.053	33.98	.167	1461.0	403
425	1.272	1.251	3.496	34.674	27.786	30.148	32.480	37.058	33.44	.175	1461.6	429
450	1.298	1.275	3.541	34.686	27.794	30.156	32.487	37.064	32.80	.184	1462.2	454
475	1.319	1.295	3.582	34.692	27.798	30.159	32.490	37.067	32.54	.192	1462.7	479
500	1.323	1.298	3.605	34.691	27.796	30.158	32.489	37.066	32.75	.200	1463.1	504
550	1.329	1.300	3.648	34.699	27.802	30.164	32.495	37.071	32.36	.216	1464.0	555
600	1.317	1.286	3.676	34.706	27.809	30.171	32.502	37.079	31.85	.232	1464.8	605
650	1.290	1.256	3.686	34.709	27.813	30.176	32.508	37.085	31.54	.248	1465.5	656



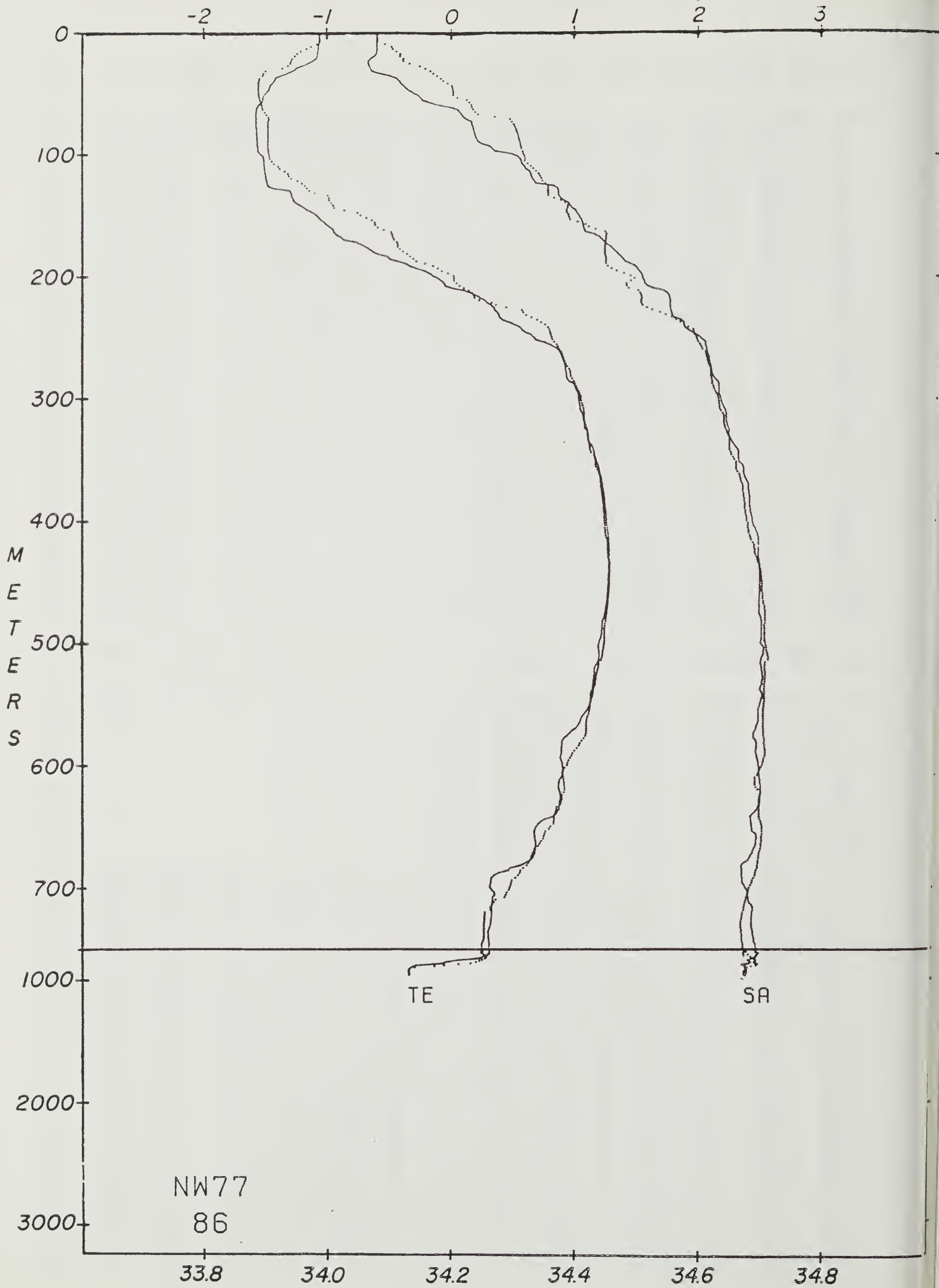
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 45.8S 176 33.0W 569 1311 997.4 200 16 -0.3 0 0 0 1819 2JAN77 NW 77 1 85

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.245	-1.245	.620	34.046	27.409	29.810	32.182	36.838	67.90	0.000	1442.2	0
10	-1.255	-1.256	.617	34.046	27.409	29.811	32.183	36.839	67.83	.007	1442.3	10
20	-1.274	-1.275	.605	34.043	27.408	29.809	32.182	36.838	67.94	.014	1442.4	20
30	-1.317	-1.318	.571	34.059	27.422	29.824	32.197	36.855	66.53	.020	1442.4	30
40	-1.385	-1.386	.515	34.131	27.482	29.886	32.259	36.918	60.77	.027	1442.3	40
50	-1.438	-1.440	.474	34.212	27.549	29.953	32.327	36.987	54.38	.032	1442.3	50
60	-1.402	-1.404	.520	34.256	27.584	29.987	32.360	37.019	51.03	.038	1442.7	60
70	-1.259	-1.261	.675	34.320	27.632	30.032	32.403	37.056	46.51	.043	1443.7	71
80	-1.106	-1.108	.837	34.339	27.641	30.039	32.408	37.057	45.59	.047	1444.6	81
90	-.829	-.832	1.122	34.365	27.652	30.046	32.409	37.050	44.61	.052	1446.1	91
100	-.673	-.676	1.288	34.390	27.666	30.057	32.419	37.055	43.28	.056	1447.0	101
125	-.357	-.361	1.627	34.467	27.714	30.101	32.457	37.083	38.76	.066	1449.0	126
150	.087	.081	2.093	34.532	27.745	30.124	32.474	37.086	36.03	.076	1451.5	151
175	.501	.494	2.529	34.568	27.751	30.124	32.467	37.067	35.67	.085	1453.9	176
200	.706	.697	2.754	34.588	27.755	30.124	32.465	37.059	35.44	.094	1455.2	202
225	.775	.765	2.842	34.593	27.754	30.123	32.462	37.055	35.57	.102	1456.0	227
250	.932	.921	3.019	34.611	27.759	30.126	32.463	37.050	35.25	.111	1457.1	252
275	1.029	1.016	3.137	34.634	27.771	30.136	32.471	37.056	34.26	.120	1458.0	277
300	1.223	1.208	3.352	34.687	27.800	30.163	32.495	37.074	31.68	.128	1459.3	302
325	1.394	1.378	3.544	34.712	27.808	30.169	32.498	37.072	31.14	.136	1460.6	328
350	1.397	1.379	3.565	34.705	27.802	30.163	32.492	37.066	31.83	.144	1461.0	353
375	1.401	1.382	3.589	34.706	27.803	30.163	32.493	37.066	31.85	.152	1461.4	378
400	1.388	1.368	3.595	34.711	27.808	30.169	32.498	37.072	31.42	.160	1461.8	403
425	1.419	1.397	3.644	34.716	27.810	30.170	32.500	37.073	31.36	.168	1462.3	429
450	1.413	1.390	3.658	34.718	27.812	30.172	32.502	37.075	31.25	.175	1462.7	454
475	1.405	1.380	3.669	34.720	27.814	30.175	32.504	37.078	31.11	.183	1463.1	479
500	1.401	1.374	3.684	34.728	27.821	30.182	32.511	37.085	30.56	.191	1463.5	504
550	1.351	1.322	3.673	34.732	27.827	30.189	32.520	37.095	30.02	.206	1464.1	555
600	1.271	1.240	3.631	34.734	27.835	30.198	32.529	37.107	29.37	.221	1464.6	605
650	1.177	1.144	3.575	34.735	27.842	30.206	32.540	37.120	28.67	.235	1465.0	656
700	1.109	1.073	3.545	34.739	27.850	30.216	32.549	37.132	27.94	.250	1465.5	706
750	1.041	1.002	3.514	34.740	27.855	30.221	32.557	37.141	27.47	.263	1466.1	757
800	1.008	.967	3.520	34.737	27.855	30.223	32.558	37.143	27.49	.277	1466.8	808
850	.895	.851	3.444	34.740	27.865	30.234	32.571	37.160	26.44	.291	1467.1	858
900	.845	.799	3.432	34.729	27.859	30.230	32.567	37.157	26.92	.304	1467.7	909
950	.783	.734	3.408	34.730	27.864	30.235	32.574	37.166	26.44	.317	1468.2	959
1000	.761	.709	3.424	34.729	27.864	30.236	32.576	37.168	26.38	.331	1469.0	1010
1100	.534	.479	3.272	34.715	27.867	30.242	32.585	37.185	25.62	.357	1469.6	1111
1200	.048	-.009	2.860	34.687	27.871	30.254	32.604	37.218	23.73	.381	1469.1	1212
1291	-.391	-.449	2.489	34.670	27.880	30.269	32.625	37.252	21.34	.402	1468.6	1305

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 44.6S 176 37.8W 569 1311 997.5 200 11 -1.0 0 0 0 2005 2JAN77 NW 77 2 85

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.27	-1.27	0.60	34.043	27.41	29.81		56	1.89			E1C7	2	85
22	-1.29	-1.29	0.59	34.085	27.44	29.84	7.14	56	2.05			E1	2	85
42	-1.42	-1.42	0.48	34.139	27.49	29.89	6.93	58	2.06			C7	2	85
100	-0.56	-0.56	1.40	34.416	27.68	30.07	5.68	70	2.20				2	85
126	-0.32	-0.32	1.66	34.466	27.71	30.10	5.45	71	2.09			C7	2	85
181	0.65	0.64	2.68	34.577	27.75	30.12	4.65	81	2.26				2	85
424	1.38	1.36	3.61	34.717	27.81	30.17	4.32	97	2.26			C7	2	85
1144	0.57	0.51	3.34	34.705	27.86	30.23	4.86	119	2.30				2	85
1182	0.30	0.24	3.10	34.690	27.86	30.24	5.13	106	2.26			C7	2	85
1209	0.20	0.14	3.02	34.689	27.87	30.25	5.06	103	2.25			C1	2	85
1240	-0.05	-0.11	2.79	34.678	27.87	30.25	5.34	99	2.27			C7	2	85
1305	-0.38	-0.44	2.51	34.670	27.88	30.27	5.46	93	2.22				2	85

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.270	-1.270	.595	34.041	27.406	29.808	32.180	36.836	68.21	0.000	1442.1	0
10	-1.271	-1.272	.601	34.041	27.406	29.808	32.180	36.836	68.15	.007	1442.2	10
20	-1.283	-1.284	.596	34.044	27.409	29.811	32.183	36.840	67.83	.014	1442.3	20
30	-1.328	-1.329	.561	34.086	27.444	29.846	32.219	36.877	64.48	.020	1442.4	30
40	-1.407	-1.408	.493	34.134	27.485	29.889	32.262	36.922	60.50	.026	1442.2	40
50	-1.396	-1.397	.514	34.169	27.513	29.917	32.290	36.949	57.77	.032	1442.5	50
60	-1.138	-1.139	.788	34.308	27.618	30.016	32.385	37.035	47.89	.038	1444.1	60
70	-1.035	-1.037	.878	34.323	27.627	30.024	32.392	37.039	47.01	.042	1444.6	71
80	-.985	-.988	.956	34.333	27.632	30.028	32.394	37.040	46.50	.047	1445.1	81
90	-.719	-.722	1.235	34.400	27.676	30.068	32.430	37.067	42.36	.052	1446.6	91
100	-.575	-.579	1.387	34.417	27.684	30.074	32.433	37.066	41.62	.056	1447.5	101
125	-.319	-.323	1.665	34.462	27.708	30.094	32.449	37.074	39.36	.066	1449.2	126
150	.211	.205	2.216	34.507	27.718	30.095	32.443	37.052	38.63	.076	1452.1	151
175	.591	.583	2.618	34.558	27.737	30.109	32.451	37.048	37.00	.085	1454.3	176
200	.970	.961	3.019	34.601	27.748	30.114	32.450	37.037	36.24	.094	1456.4	202
225	1.076	1.066	3.145	34.627	27.762	30.127	32.461	37.044	35.01	.103	1457.4	227
250	1.171	1.159	3.259	34.641	27.766	30.130	32.463	37.044	34.71	.112	1458.2	252
275	1.280	1.267	3.390	34.667	27.780	30.142	32.473	37.050	33.60	.120	1459.2	277
300	1.288	1.273	3.417	34.679	27.789	30.151	32.482	37.059	32.82	.129	1459.6	302
325	1.320	1.304	3.469	34.688	27.794	30.156	32.486	37.063	32.40	.137	1460.2	328
350	1.325	1.308	3.493	34.696	27.800	30.162	32.492	37.069	31.91	.145	1460.6	353
375	1.357	1.337	3.544	34.704	27.804	30.165	32.496	37.071	31.65	.153	1461.2	378
400	1.379	1.359	3.586	34.713	27.810	30.171	32.501	37.076	31.20	.161	1461.7	403
425	1.381	1.359	3.607	34.718	27.814	30.175	32.505	37.079	30.92	.168	1462.2	429
450	1.366	1.343	3.611	34.726	27.822	30.183	32.513	37.087	30.27	.176	1462.5	454
475	1.356	1.332	3.621	34.730	27.825	30.187	32.517	37.092	29.98	.184	1462.9	479
500	1.317	1.291	3.601	34.732	27.830	30.192	32.523	37.099	29.59	.191	1463.1	504
550	1.261	1.233	3.583	34.732	27.834	30.197	32.528	37.106	29.30	.206	1463.7	555
600	1.212	1.181	3.571	34.732	27.837	30.201	32.533	37.113	29.04	.220	1464.3	605
650	1.186	1.152	3.584	34.732	27.839	30.203	32.536	37.116	28.97	.235	1465.0	656
700	1.097	1.061	3.532	34.732	27.845	30.211	32.545	37.128	28.37	.249	1465.5	706
750	1.005	.967	3.478	34.732	27.851	30.219	32.554	37.139	27.73	.263	1465.9	757



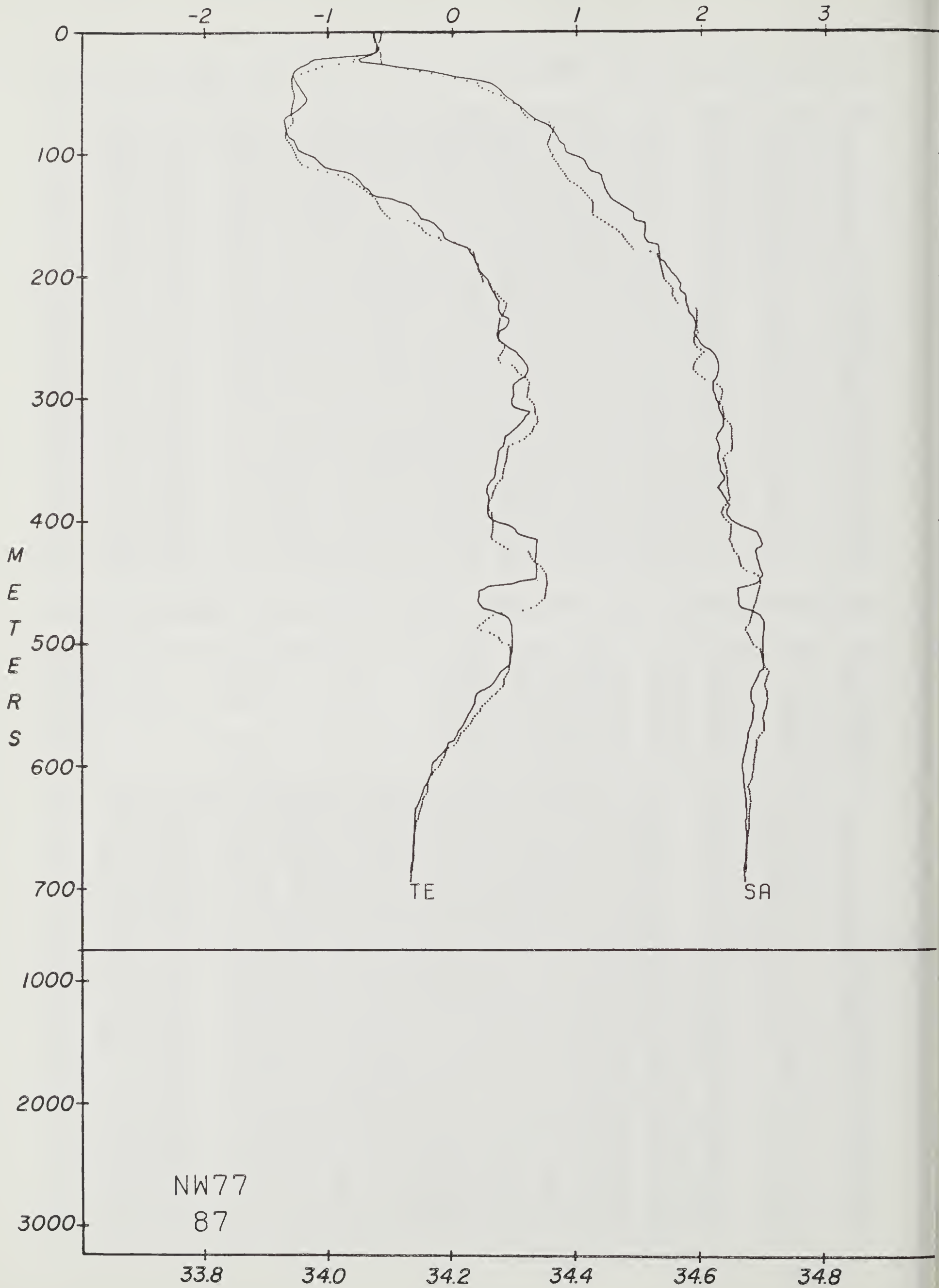
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 46.7S 176 56.0W 569 952 997.6 200 12 -0.7 0 0 19 2055 2JAN77 NW 77 1 86

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.065	-1.065	.802	34.079	27.430	29.828	32.197	36.847	65.94	0.000	1443.1	0
10	-1.074	-1.074	.800	34.079	27.430	29.829	32.197	36.848	65.87	.007	1443.2	10
20	-1.095	-1.095	.787	34.070	27.423	29.822	32.191	36.842	66.50	.013	1443.3	20
30	-1.283	-1.284	.606	34.073	27.432	29.834	32.206	36.863	65.58	.020	1442.6	30
40	-1.450	-1.451	.449	34.119	27.474	29.878	32.253	36.914	61.52	.026	1442.0	40
50	-1.518	-1.520	.390	34.147	27.499	29.904	32.279	36.943	59.14	.032	1441.9	50
60	-1.576	-1.578	.343	34.200	27.543	29.949	32.325	36.990	54.85	.038	1441.8	60
70	-1.585	-1.586	.344	34.227	27.566	29.972	32.348	37.012	52.69	.043	1442.0	71
80	-1.579	-1.581	.357	34.238	27.574	29.980	32.356	37.020	51.82	.049	1442.2	81
90	-1.574	-1.576	.371	34.252	27.586	29.992	32.367	37.031	50.66	.054	1442.4	91
100	-1.528	-1.531	.427	34.307	27.629	30.034	32.408	37.071	46.52	.058	1442.9	101
125	-1.454	-1.457	.524	34.370	27.678	30.081	32.455	37.114	41.81	.070	1443.7	126
150	-1.073	-1.077	.927	34.410	27.697	30.095	32.462	37.110	40.02	.080	1446.0	151
175	-.672	-.678	1.349	34.461	27.724	30.115	32.475	37.111	37.64	.089	1448.3	176
200	-.106	-.113	1.938	34.511	27.738	30.120	32.473	37.091	36.56	.099	1451.4	202
225	.350	.340	2.414	34.556	27.750	30.125	32.470	37.075	35.72	.108	1454.0	227
250	.692	.681	2.779	34.607	27.771	30.141	32.481	37.076	33.96	.116	1456.0	252
275	.930	.917	3.037	34.622	27.767	30.134	32.471	37.059	34.49	.125	1457.5	277
300	1.038	1.024	3.164	34.638	27.773	30.139	32.474	37.058	34.08	.134	1458.4	302
325	1.106	1.091	3.252	34.651	27.779	30.143	32.477	37.060	33.67	.142	1459.2	328
350	1.184	1.166	3.350	34.668	27.787	30.151	32.484	37.064	32.99	.150	1460.0	353
375	1.239	1.220	3.425	34.683	27.796	30.159	32.491	37.070	32.31	.159	1460.6	378
400	1.264	1.244	3.469	34.690	27.799	30.162	32.494	37.071	32.09	.167	1461.2	403
425	1.281	1.259	3.506	34.698	27.805	30.167	32.499	37.076	31.64	.175	1461.7	429
450	1.272	1.249	3.516	34.700	27.807	30.170	32.501	37.079	31.50	.182	1462.1	454
475	1.241	1.217	3.504	34.700	27.809	30.173	32.504	37.083	31.33	.190	1462.3	479
500	1.191	1.166	3.473	34.705	27.816	30.180	32.513	37.093	30.68	.198	1462.5	504
550	1.113	1.085	3.432	34.699	27.817	30.182	32.516	37.099	30.63	.213	1463.0	555
600	.901	.871	3.259	34.698	27.831	30.199	32.536	37.124	29.15	.228	1462.9	605
650	.675	.644	3.070	34.687	27.836	30.208	32.548	37.143	28.34	.243	1462.7	656
700	.324	.293	2.757	34.680	27.851	30.227	32.573	37.178	26.37	.256	1461.9	706
750	.303	.269	2.774	34.694	27.863	30.240	32.586	37.192	25.19	.269	1462.7	757
800	.243	.207	2.752	34.693	27.866	30.244	32.591	37.198	24.83	.282	1463.3	808
850	-.077	-.114	2.469	34.681	27.873	30.257	32.608	37.225	23.36	.294	1462.6	858
900	-.354	-.391	2.230	34.678	27.885	30.272	32.628	37.253	21.58	.305	1462.2	909
945	-.353	-.392	2.266	34.676	27.883	30.270	32.626	37.251	21.68	.315	1462.9	954

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
73 46.8S 176 53.5W 569 952 997.6 210 10 2.1 0 0 0 2214 2JAN77 NW 77 2 86

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
6	-1.07	-1.07	0.80	34.080	27.43	29.83		63		-0.27		C7	2	86
89	-1.49	-1.49	0.46	34.311	27.63	30.04		66		-0.25			2	86
331	1.11	1.09	3.26	34.651	27.78	30.14						C7	2	86
453	1.27	1.25	3.52	34.705	27.81	30.17		98		-0.06			2	86
631	0.85	0.82	3.23	34.699	27.83	30.20						C7	2	86
749	0.25	0.22	2.72	34.675	27.85	30.23							2	86
825	0.26	0.22	2.79	34.693	27.86	30.24		106		-0.19			2	86
890	-0.33	-0.37	2.25	34.679	27.88	30.27							2	86
949	-0.35	-0.39	2.27	34.676	27.88	30.27		94		-0.30			2	86

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.066	-1.066	.801	34.080	27.431	29.829	32.198	36.848	65.86	0.000	1443.1	0
10	-1.131	-1.131	.745	34.101	27.449	29.849	32.218	36.870	64.05	.006	1443.0	10
20	-1.288	-1.289	.596	34.122	27.472	29.874	32.246	36.902	61.84	.013	1442.4	20
30	-1.469	-1.470	.425	34.166	27.513	29.917	32.292	36.953	57.89	.019	1441.8	30
40	-1.565	-1.566	.339	34.195	27.539	29.945	32.321	36.985	55.35	.024	1441.6	40
50	-1.562	-1.563	.350	34.204	27.547	29.952	32.328	36.992	54.59	.030	1441.8	50
60	-1.534	-1.536	.387	34.234	27.570	29.975	32.350	37.013	52.36	.035	1442.1	60
70	-1.482	-1.483	.450	34.292	27.616	30.020	32.394	37.055	47.96	.040	1442.6	71
80	-1.488	-1.489	.453	34.307	27.628	30.032	32.406	37.067	46.79	.045	1442.7	81
90	-1.487	-1.489	.462	34.312	27.632	30.036	32.410	37.071	46.34	.050	1442.9	91
100	-1.474	-1.477	.482	34.319	27.637	30.041	32.415	37.076	45.76	.054	1443.2	101
125	-1.176	-1.179	.802	34.358	27.659	30.058	32.427	37.078	43.72	.065	1445.0	126
150	-.685	-.690	1.313	34.391	27.668	30.059	32.421	37.057	42.99	.076	1447.8	151
175	-.426	-.432	1.594	34.449	27.703	30.091	32.448	37.076	39.70	.087	1449.5	176
200	.019	.012	2.062	34.495	27.719	30.099	32.450	37.065	38.43	.096	1452.0	202
225	.309	.300	2.572	34.523	27.714	30.087	32.430	37.030	39.22	.106	1454.7	227
250	.822	.810	2.908	34.599	27.756	30.124	32.463	37.053	35.47	.115	1456.6	252
275	.961	.948	3.068	34.621	27.765	30.131	32.467	37.054	34.76	.124	1457.7	277
300	1.052	1.038	3.178	34.634	27.769	30.134	32.470	37.054	34.46	.133	1458.5	302
325	1.103	1.087	3.249	34.647	27.776	30.141	32.475	37.058	33.92	.141	1459.2	328
350	1.169	1.152	3.335	34.662	27.784	30.147	32.480	37.061	33.35	.150	1459.9	353
375	1.221	1.202	3.406	34.674	27.789	30.153	32.485	37.064	32.91	.158	1460.6	378
400	1.243	1.223	3.448	34.680	27.794	30.156	32.488	37.067	32.62	.166	1461.1	403
425	1.271	1.249	3.495	34.693	27.802	30.164	32.496	37.073	31.97	.174	1461.6	429
450	1.279	1.257	3.524	34.704	27.810	30.173	32.504	37.081	31.26	.182	1462.1	454
475	1.256	1.232	3.520	34.709	27.816	30.178	32.510	37.088	30.77	.190	1462.4	479
500	1.234	1.208	3.516	34.710	27.818	30.181	32.513	37.092	30.61	.198	1462.7	504
550	1.120	1.092	3.440	34.706	27.822	30.187	32.521	37.103	30.15	.213	1463.1	555
600	.913	.884	3.271	34.701	27.832	30.200	32.537	37.125	29.02	.228	1463.0	605
650	.782	.750	3.178	34.703	27.842	30.212	32.551	37.143	27.95	.242	1463.2	656
700	.457	.425	2.890	34.681	27.844	30.219	32.563	37.164	27.24	.256	1462.5	706
750	.244	.210	2.714	34.674	27.851	30.229	32.575	37.183	26.22	.269	1462.4	757
800	.279	.243	2.788	34.688	27.860	30.238	32.584	37.190	25.41	.282	1463.4	808
850	.142	.104	2.689	34.694	27.872	30.252	32.600	37.210	24.01	.294	1463.6	858
900	-.353	-.391	2.231	34.676	27.883	30.270	32.626	37.251	21.74	.306	1462.2	909
946	-.353	-.393	2.266	34.676	27.883	30.270	32.626	37.251	21.68	.316	1463.0	955



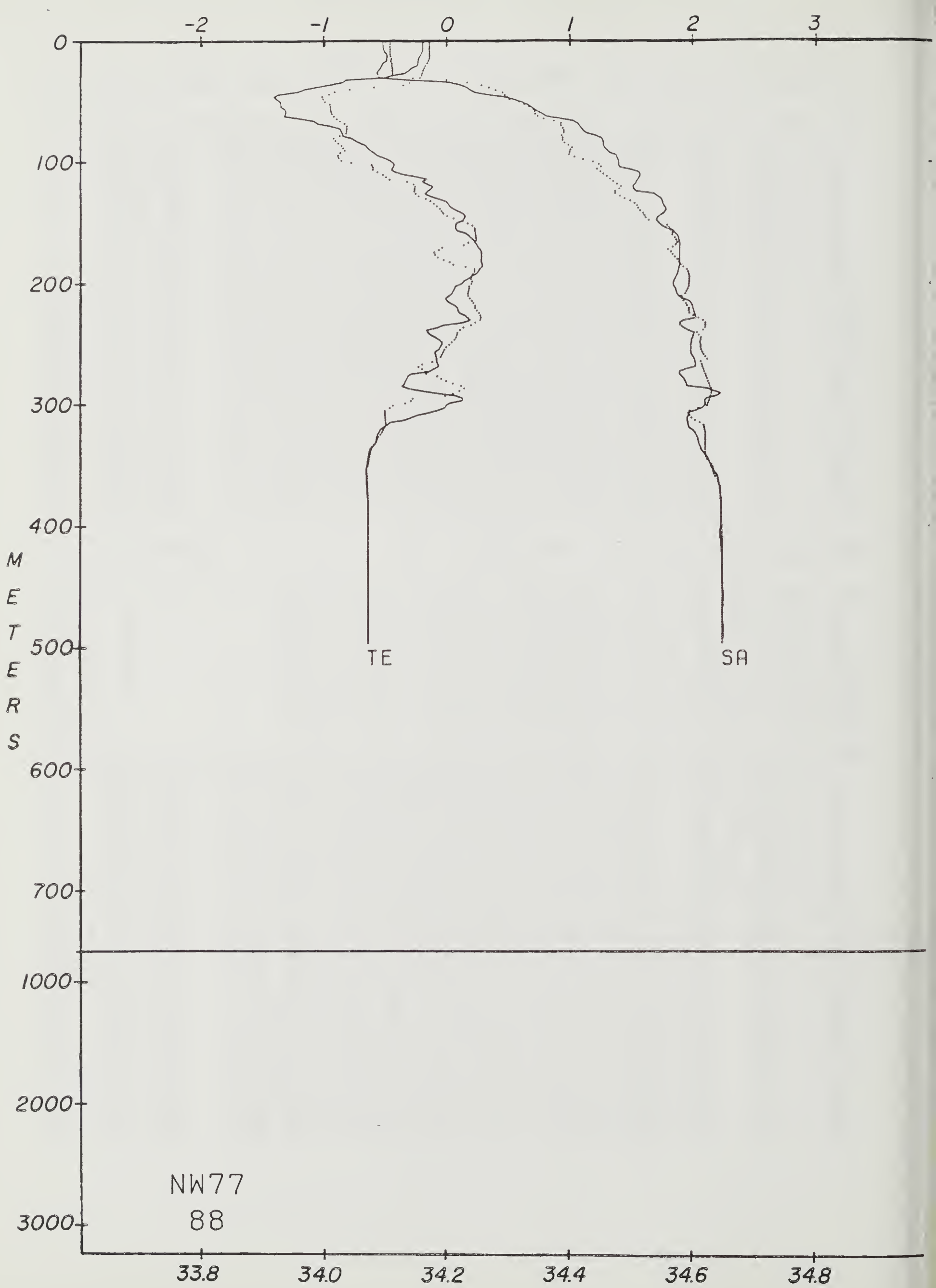
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 51.0S	177 25.8W	569	695	997.4	250	8	1.6	0		0	16	2308	2JAN77	NW	77	1	87

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .634	- .634	1.233	34.085	27.418	29.810	32.172	36.809	67.04	0.000	1445.1	0
10	- .615	- .615	1.259	34.083	27.415	29.807	32.168	36.805	67.29	.007	1445.4	10
20	- .915	- .916	.966	34.058	27.408	29.804	32.170	36.816	67.96	.013	1444.1	20
30	-1.254	-1.255	.639	34.145	27.490	29.891	32.262	36.917	60.12	.020	1442.8	30
40	-1.268	-1.269	.639	34.249	27.574	29.975	32.346	37.000	52.11	.025	1443.0	40
50	-1.203	-1.205	.713	34.281	27.598	29.998	32.368	37.020	49.78	.031	1443.6	50
60	-1.212	-1.214	.713	34.308	27.620	30.020	32.390	37.043	47.64	.035	1443.7	60
70	-1.350	-1.352	.584	34.332	27.644	30.046	32.418	37.074	45.35	.040	1443.3	71
80	-1.342	-1.344	.602	34.362	27.668	30.070	32.441	37.097	43.01	.045	1443.5	81
90	-1.272	-1.274	.680	34.375	27.676	30.077	32.447	37.101	42.21	.049	1444.0	91
100	-1.163	-1.166	.798	34.392	27.696	30.085	32.454	37.104	41.25	.053	1444.7	101
125	- .722	- .726	1.260	34.444	27.711	30.103	32.465	37.102	38.91	.063	1447.3	126
150	- .268	- .274	1.736	34.492	27.730	30.115	32.469	37.092	37.29	.073	1449.8	151
175	.087	.081	2.113	34.531	27.744	30.123	32.472	37.085	36.15	.082	1451.9	176
200	.264	.256	2.310	34.559	27.757	30.133	32.480	37.087	34.96	.091	1453.2	202
225	.370	.361	2.436	34.579	27.767	30.142	32.487	37.091	34.10	.099	1454.1	227
250	.372	.362	2.458	34.593	27.778	30.153	32.498	37.102	33.05	.108	1454.6	252
275	.607	.595	2.714	34.629	27.793	30.164	32.506	37.102	31.85	.116	1456.1	277
300	.476	.464	2.602	34.625	27.798	30.171	32.515	37.115	31.32	.124	1455.9	302
325	.491	.477	2.636	34.632	27.803	30.176	32.519	37.119	30.88	.131	1456.4	328
350	.358	.343	2.522	34.629	27.808	30.183	32.528	37.132	30.31	.139	1456.2	353
375	.276	.260	2.459	34.633	27.815	30.192	32.538	37.145	29.49	.147	1456.2	378
400	.384	.367	2.587	34.656	27.828	30.203	32.548	37.151	28.44	.154	1457.2	403
425	.675	.656	2.900	34.689	27.837	30.208	32.548	37.143	27.91	.161	1459.0	429
450	.466	.446	2.709	34.688	27.849	30.223	32.567	37.167	26.59	.168	1458.4	454
475	.398	.377	2.660	34.693	27.857	30.232	32.576	37.179	25.78	.174	1458.5	479
500	.484	.461	2.766	34.700	27.858	30.232	32.575	37.175	25.82	.181	1459.4	504
550	.168	.144	2.487	34.686	27.864	30.243	32.590	37.200	24.81	.193	1458.7	555
600	- .165	- .190	2.191	34.667	27.867	30.250	32.603	37.222	24.01	.205	1458.0	605
650	- .311	- .336	2.084	34.674	27.879	30.264	32.619	37.243	22.56	.217	1458.2	656
685	- .339	- .366	2.082	34.673	27.880	30.266	32.622	37.246	22.36	.225	1458.6	691

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 51.2S	177 20.0W	569	695	997.3	250	10	0.9	0		0	0	24	3JAN77	NW	77	2	87

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.58	-0.58	1.29	34.074	27.41	29.80	7.78	56	1.87			C7	2	87
19	-0.68	-0.68	1.20	34.081	27.42	29.81	7.66	57	1.88			C7	2	87
37	-1.30	-1.30	0.60	34.188	27.53	29.93	7.21	57	1.95			C7	2	87
67	-1.30	-1.30	0.63	34.315	27.63	30.03	6.68	61	2.08			C7	2	87
85	-1.35	-1.35	0.60	34.359	27.67	30.07	6.36	70	1.95			C7	2	87
266	0.37	0.36	2.47	34.605	27.79	30.16	4.94	86	2.26			C7	2	87
407	0.32	0.30	2.53	34.649	27.83	30.20	5.08	90	2.20			C7	2	87
453	0.76	0.74	3.01	34.710	27.85	30.22	4.68	103	2.31			C7	2	87
513	0.47	0.45	2.76	34.700	27.86	30.23	4.94	108	2.29				2	87
640	-0.28	-0.31	2.11	34.677	27.88	30.27	5.40	94	2.27			C7	2	87
693	-0.34	-0.37	2.09	34.672	27.88	30.27	5.50	92	2.15				2	87

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .583	- .583	1.284	34.072	27.406	29.797	32.158	36.793	68.23	0.000	1445.3	0
10	- .613	- .614	1.261	34.077	27.411	29.802	32.164	36.801	67.69	.007	1445.4	10
20	- .745	- .746	1.137	34.084	27.422	29.815	32.179	36.820	66.61	.014	1444.9	20
30	-1.106	-1.107	.786	34.129	27.472	29.871	32.239	36.891	61.84	.020	1443.5	30
40	-1.300	-1.301	.606	34.223	27.554	29.956	32.327	36.983	53.96	.026	1442.9	40
50	-1.281	-1.282	.634	34.268	27.590	29.991	32.362	37.017	50.56	.031	1443.2	50
60	-1.296	-1.297	.630	34.308	27.622	30.024	32.395	37.050	47.42	.036	1443.3	60
70	-1.292	-1.294	.641	34.323	27.635	30.035	32.407	37.061	46.21	.041	1443.5	71
80	-1.341	-1.343	.602	34.363	27.668	30.070	32.442	37.098	42.95	.045	1443.5	81
90	-1.320	-1.323	.630	34.355	27.661	30.062	32.434	37.089	43.61	.049	1443.8	91
100	-1.266	-1.269	.693	34.362	27.665	30.066	32.436	37.090	43.17	.054	1444.2	101
125	- .762	- .766	1.217	34.399	27.677	30.070	32.432	37.071	42.14	.064	1447.0	126
150	- .528	- .533	1.473	34.427	27.690	30.079	32.438	37.069	40.94	.075	1448.6	151
175	.081	.075	2.104	34.486	27.708	30.088	32.437	37.050	39.48	.085	1451.8	176
200	.235	.227	2.280	34.539	27.742	30.119	32.467	37.075	36.32	.094	1453.0	202
225	.429	.420	2.496	34.585	27.768	30.142	32.486	37.088	34.03	.103	1454.4	227
250	.364	.354	2.450	34.589	27.775	30.151	32.495	37.100	33.31	.111	1454.5	252
275	.511	.499	2.615	34.587	27.765	30.138	32.482	37.081	34.36	.120	1455.6	277
300	.624	.611	2.750	34.632	27.795	30.166	32.507	37.103	31.74	.128	1456.6	302
325	.644	.630	2.791	34.650	27.808	30.179	32.520	37.116	30.51	.136	1457.1	328
350	.431	.416	2.596	34.638	27.811	30.185	32.529	37.131	30.07	.144	1456.5	353
375	.328	.313	2.512	34.645	27.823	30.199	32.544	37.149	28.86	.151	1456.5	378
400	.327	.310	2.530	34.646	27.823	30.199	32.544	37.149	28.85	.158	1456.9	403
425	.620	.601	2.842	34.656	27.814	30.186	32.527	37.123	30.02	.165	1458.7	429
450	.765	.744	3.009	34.696	27.837	30.207	32.546	37.138	28.06	.173	1459.8	454
475	.356	.335	2.618	34.683	27.851	30.227	32.572	37.176	26.25	.180	1458.3	479
500	.447	.425	2.728	34.686	27.848	30.223	32.566	37.168	26.66	.186	1459.2	504
550	.243	.219	2.563	34.707	27.877	30.254	32.601	37.208	23.74	.199	1459.1	555
600	- .114	- .139	2.243	34.685	27.879	30.261	32.613	37.231	22.98	.210	1458.3	605
650	- .304	- .330	2.090	34.678	27.882	30.268	32.623	37.246	22.27	.222	1458.2	656
693	- .342	- .369	2.085	34.672	27.879	30.266	32.621	37.245	22.41	.231	1458.8	699



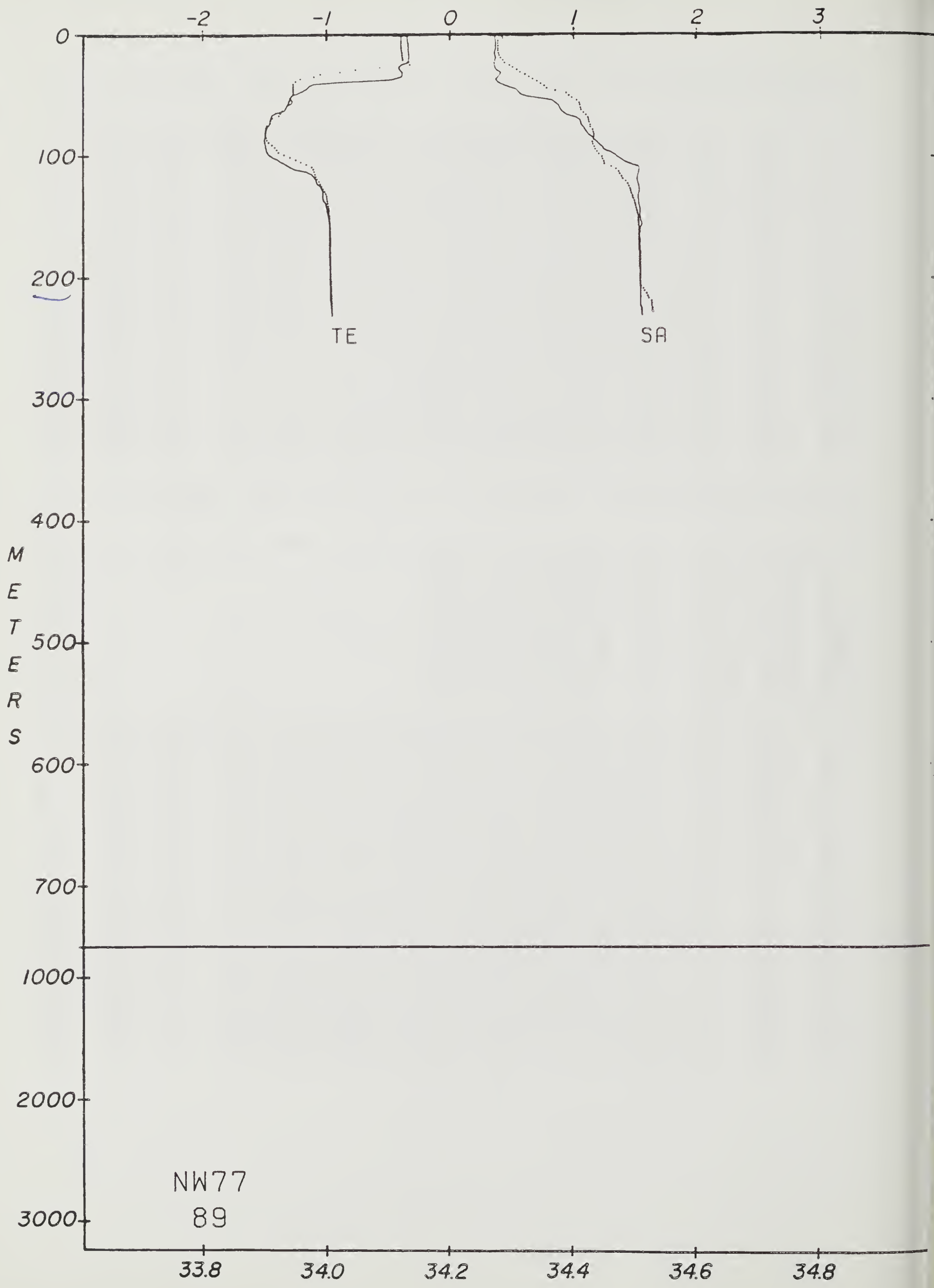
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 58.6S	178 7.4W	569	499	997.1	240	15	0.5	0	0	20	207	3JAN77	NW	77	1	88

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.199	-1.199	1.668	34.094	27.406	29.791	32.147	36.771	68.17	0.000	1447.1	0
10	-1.216	-1.216	1.660	34.100	27.412	29.797	32.152	36.777	67.64	0.007	1447.2	10
20	-1.254	-1.254	1.629	34.092	27.407	29.793	32.150	36.775	68.05	0.014	1447.2	20
30	-1.579	-1.580	1.311	34.099	27.427	29.818	32.179	36.815	66.07	0.020	1445.9	30
40	-1.169	-1.170	1.737	34.239	27.562	29.962	32.331	36.983	53.21	0.026	1443.5	40
50	-1.366	-1.368	1.552	34.322	27.636	30.039	32.411	37.068	46.13	0.031	1442.8	50
60	-1.324	-1.325	1.604	34.356	27.662	30.064	32.435	37.091	43.64	0.036	1443.3	60
70	-1.960	-1.962	1.979	34.416	27.698	30.093	32.459	37.103	40.28	0.040	1445.2	71
80	-1.788	-1.790	1.161	34.451	27.720	30.112	32.475	37.114	38.25	0.044	1446.2	81
90	-1.629	-1.632	1.327	34.460	27.721	30.111	32.472	37.106	38.12	0.048	1447.1	91
100	-1.447	-1.450	1.519	34.479	27.728	30.116	32.473	37.101	37.47	0.051	1448.2	101
125	-1.167	-1.172	1.820	34.523	27.750	30.133	32.486	37.106	35.46	0.061	1449.9	126
150	-1.076	-1.070	2.083	34.544	27.755	30.135	32.484	37.097	35.05	0.069	1451.5	151
175	-1.279	-1.272	2.307	34.579	27.772	30.149	32.495	37.101	33.53	0.078	1452.9	176
200	-1.113	-1.105	2.159	34.568	27.773	30.151	32.500	37.112	33.41	0.086	1452.5	202
225	-1.126	-1.117	2.193	34.604	27.801	30.179	32.528	37.138	30.75	0.094	1453.0	227
250	-1.044	-1.053	2.042	34.597	27.804	30.185	32.536	37.152	30.32	0.102	1452.7	252
275	-1.312	-1.322	1.792	34.580	27.803	30.189	32.544	37.168	30.15	0.110	1451.8	277
300	-1.002	-1.014	2.123	34.619	27.820	30.200	32.551	37.165	28.85	0.117	1453.7	302
325	-1.576	-1.587	1.567	34.607	27.837	30.227	32.586	37.217	26.63	0.124	1451.5	328
350	-1.663	-1.675	1.501	34.631	27.860	30.250	32.611	37.244	24.37	0.130	1451.5	353
375	-1.656	-1.669	1.528	34.647	27.873	30.263	32.623	37.257	23.12	0.136	1452.0	378
400	-1.652	-1.666	1.551	34.646	27.872	30.262	32.622	37.256	23.15	0.142	1452.4	403
425	-1.648	-1.663	1.574	34.648	27.874	30.264	32.624	37.257	22.94	0.148	1452.9	429
450	-1.645	-1.660	1.596	34.650	27.874	30.265	32.625	37.258	22.80	0.153	1453.3	454
475	-1.644	-1.660	1.616	34.649	27.874	30.265	32.625	37.258	22.77	0.159	1453.7	479
491	-1.648	-1.665	1.624	34.650	27.875	30.266	32.626	37.259	22.64	0.163	1454.0	495

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 58.1S	178 3.1W	569	499	997.0	270	11	1.2	0	0	0	313	3JAN77	NW	77	2	88

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.15	-0.15	1.72	34.106	27.41	29.80		62			0.50	C7	2	88
28	-0.25	-0.25	1.64	34.104	27.42	29.80				-0.27			2	88
80	-0.93	-0.93	1.02	34.388	27.67	30.07					0.41	C7	2	88
104	-0.61	-0.61	1.36	34.450	27.71	30.10		74					2	88
153	0.22	0.21	2.23	34.561	27.76	30.14						C7	2	88
228	0.25	0.24	2.32	34.612	27.80	30.18		86		-0.20			2	88
264	-0.13	-0.14	1.97	34.601	27.81	30.19						C7	2	88
287	0.13	0.12	2.24	34.609	27.80	30.18							2	88
393	-0.65	-0.66	1.55	34.650	27.88	30.27		87		-0.30			2	88
429	-0.65	-0.66	1.58	34.650	27.88	30.27							2	88
458	-0.65	-0.67	1.60	34.651	27.88	30.27							2	88
495	-0.64	-0.66	1.64	34.650	27.87	30.26				-0.29			2	88

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.148	-1.148	1.720	34.106	27.413	29.798	32.152	36.775	67.49	0.000	1447.4	0
10	-1.144	-1.145	1.731	34.107	27.414	29.798	32.152	36.775	57.46	0.007	1447.6	10
20	-1.182	-1.183	1.701	34.109	27.417	29.802	32.157	36.781	67.07	0.013	1447.6	20
30	-1.234	-1.235	1.660	34.148	27.451	29.837	32.193	36.817	63.83	0.020	1447.5	30
40	-1.826	-1.827	1.082	34.280	27.583	29.977	32.341	36.982	51.30	0.026	1445.1	40
50	-1.996	-1.997	1.922	34.316	27.619	30.015	32.382	37.028	47.85	0.031	1444.6	50
60	-1.944	-1.945	1.984	34.344	27.640	30.035	32.401	37.045	45.83	0.035	1445.0	60
70	-1.825	-1.827	1.112	34.386	27.669	30.062	32.426	37.066	43.08	0.040	1445.8	71
80	-1.915	-1.917	1.030	34.388	27.674	30.068	32.434	37.076	42.57	0.044	1445.5	81
90	-1.846	-1.848	1.108	34.401	27.682	30.076	32.440	37.080	41.77	0.048	1446.1	91
100	-1.771	-1.774	1.192	34.436	27.707	30.100	32.462	37.101	39.38	0.052	1446.6	101
125	-1.267	-1.271	1.717	34.472	27.714	30.099	32.454	37.077	38.80	0.062	1449.4	126
150	-1.170	-1.164	2.178	34.544	27.750	30.128	32.476	37.086	35.57	0.071	1451.9	151
175	-1.101	-1.107	1.927	34.566	27.782	30.164	32.516	37.133	32.44	0.080	1451.1	176
200	-1.176	-1.188	2.244	34.595	27.789	30.167	32.514	37.123	31.89	0.088	1452.9	202
225	-1.267	-1.257	2.334	34.599	27.788	30.165	32.511	37.118	32.00	0.096	1453.7	227
250	-1.015	-1.005	2.102	34.613	27.814	30.194	32.544	37.158	29.46	0.104	1453.0	252
275	-1.123	-1.133	1.984	34.622	27.828	30.210	32.562	37.190	27.98	0.111	1452.8	277
300	-1.447	-1.457	1.679	34.623	27.844	30.231	32.588	37.215	26.19	0.118	1451.7	302
325	-1.560	-1.571	1.585	34.621	27.848	30.237	32.595	37.226	25.66	0.124	1451.6	328
350	-1.657	-1.669	1.507	34.633	27.862	30.252	32.612	37.246	24.20	0.130	1451.6	353
375	-1.653	-1.665	1.531	34.646	27.872	30.262	32.623	37.256	23.18	0.136	1452.0	378
400	-1.650	-1.663	1.553	34.648	27.874	30.264	32.624	37.257	22.99	0.142	1452.4	403
425	-1.653	-1.668	1.569	34.649	27.875	30.265	32.625	37.258	22.83	0.148	1452.8	429
450	-1.649	-1.664	1.592	34.649	27.874	30.265	32.625	37.258	22.80	0.153	1453.3	454
475	-1.648	-1.664	1.612	34.649	27.874	30.265	32.625	37.258	22.75	0.159	1453.7	479
495	-1.647	-1.664	1.628	34.649	27.874	30.265	32.625	37.258	22.71	0.164	1454.0	499



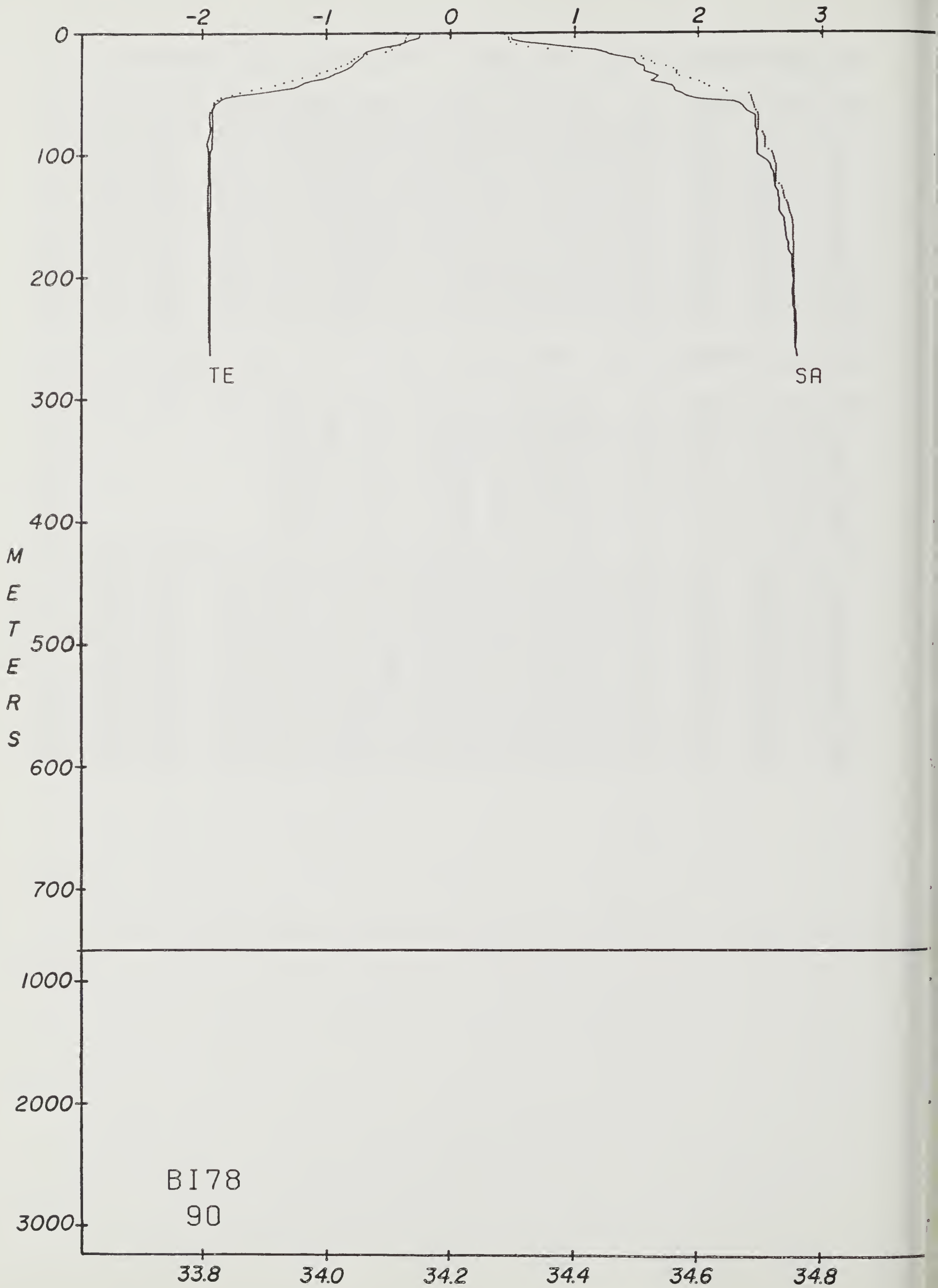
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 14.8S	179 53.7W	569	233	996.6	300	11	0.4	0	0	12	550	3JAN77	NW	77	1	89

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.340	-0.340	1.538	34.274	27.558	29.944	32.301	36.928	53.80	0.000	1446.7	0
10	-0.332	-0.333	1.553	34.275	27.558	29.945	32.301	36.928	53.75	.005	1446.9	10
20	-0.329	-0.330	1.564	34.274	27.558	29.944	32.300	36.927	53.79	.011	1447.1	20
30	-0.387	-0.388	1.514	34.282	27.567	29.954	32.311	36.939	52.92	.016	1447.0	30
40	-1.053	-1.054	.956	34.288	27.598	29.995	32.363	37.011	49.35	.021	1444.1	40
50	-1.285	-1.287	.633	34.327	27.638	30.039	32.409	37.064	46.02	.026	1443.2	50
60	-1.333	-1.335	.596	34.379	27.682	30.083	32.454	37.110	41.81	.030	1443.2	60
70	-1.457	-1.459	.481	34.412	27.712	30.115	32.488	37.147	38.90	.034	1442.9	71
80	-1.494	-1.496	.453	34.423	27.722	30.126	32.500	37.160	37.84	.038	1442.9	81
90	-1.498	-1.500	.458	34.444	27.739	30.143	32.517	37.177	36.17	.042	1443.1	91
100	-1.436	-1.439	.529	34.475	27.762	30.165	32.537	37.195	33.98	.045	1443.6	101
125	-1.044	-1.047	.942	34.509	27.777	30.173	32.539	37.185	32.64	.054	1445.9	126
150	-.981	-.985	1.024	34.511	27.776	30.172	32.537	37.181	32.62	.062	1446.6	151
175	-.968	-.973	1.057	34.510	27.775	30.170	32.535	37.179	32.66	.070	1447.0	176
200	-.971	-.977	1.072	34.511	27.776	30.171	32.537	37.180	32.48	.078	1447.4	202
225	-.957	-.963	1.106	34.513	27.777	30.172	32.537	37.180	32.31	.086	1447.9	227
230	-.953	-.960	1.113	34.514	27.778	30.173	32.538	37.181	32.23	.088	1448.0	232

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 15.5S	179 52.4W	569	233	996.6	290	12	-0.1	0	0	0	631	3JAN77	NW	77	2	89

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHGS	O-18	TRIT	FLAG	M	STN
3	-0.25	-0.25	1.63	34.282	27.56	29.95	7.98	60	1.86			A	2	89
23	-0.38	-0.38	1.52	34.278	27.56	29.95	7.96	60	1.91			C7	2	89
42	-1.28	-1.28	0.63	34.354	27.66	30.06	7.11	64	1.98				2	89
62	-1.36	-1.36	0.57	34.405	27.70	30.10	6.97	70	2.02			C7	2	89
102	-1.42	-1.42	0.55	34.462	27.75	30.15	6.17	74	2.19				2	89
122	-0.99	-0.99	0.99	34.498	27.77	30.16	5.88	78	2.24			C7	2	89
141	-1.09	-1.09	0.91	34.509	27.78	30.18	5.81	79	2.18				2	89
162	-0.97	-0.97	1.04	34.512	27.78	30.17	5.85	81	2.26			C7	2	89
184	-0.96	-0.97	1.07	34.512	27.78	30.17	5.71	80	2.19				2	89
229	-0.95	-0.96	1.12	34.514	27.78	30.17	5.78	80	2.20			A	2	89

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.393	-0.393	1.486	34.286	27.570	29.957	32.315	36.943	52.66	0.000	1446.5	0
10	-0.392	-0.393	1.494	34.279	27.564	29.952	32.309	36.937	53.17	.005	1446.7	10
20	-0.368	-0.368	1.526	34.287	27.570	29.957	32.314	36.941	52.64	.011	1446.9	20
30	-.882	-.883	1.021	34.316	27.615	30.009	32.374	37.017	48.31	.016	1444.8	30
40	-1.271	-1.272	.642	34.348	27.654	30.055	32.425	37.080	44.50	.020	1443.2	40
50	-1.285	-1.286	.638	34.394	27.692	30.093	32.463	37.117	40.86	.025	1443.3	50
60	-1.337	-1.339	.594	34.413	27.709	30.111	32.482	37.138	39.19	.029	1443.3	60
70	-1.454	-1.455	.486	34.427	27.724	30.127	32.500	37.159	37.76	.032	1442.9	71
80	-1.496	-1.498	.451	34.434	27.731	30.135	32.509	37.169	37.00	.036	1442.9	81
90	-1.442	-1.444	.513	34.432	27.728	30.131	32.504	37.162	37.27	.040	1443.3	91
100	-1.294	-1.297	.669	34.448	27.736	30.137	32.507	37.161	36.48	.044	1444.2	101
125	-1.030	-1.034	.955	34.493	27.764	30.160	32.526	37.172	33.88	.052	1445.9	126
150	-.973	-.978	1.032	34.507	27.773	30.168	32.533	37.177	32.95	.061	1446.6	151
175	-.973	-.978	1.052	34.509	27.774	30.170	32.535	37.179	32.71	.069	1447.0	176
200	-.964	-.970	1.079	34.511	27.776	30.171	32.536	37.180	32.51	.077	1447.5	202
225	-.955	-.961	1.109	34.531	27.792	30.187	32.552	37.195	30.93	.085	1448.0	227
227	-.954	-.961	1.111	34.532	27.792	30.187	32.552	37.195	30.86	.086	1448.0	229



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 4.9S 164 21.9E 571 276 993.2 180 7 -1.7 0 0 0 1439 21JAN78 BI 78 1 90

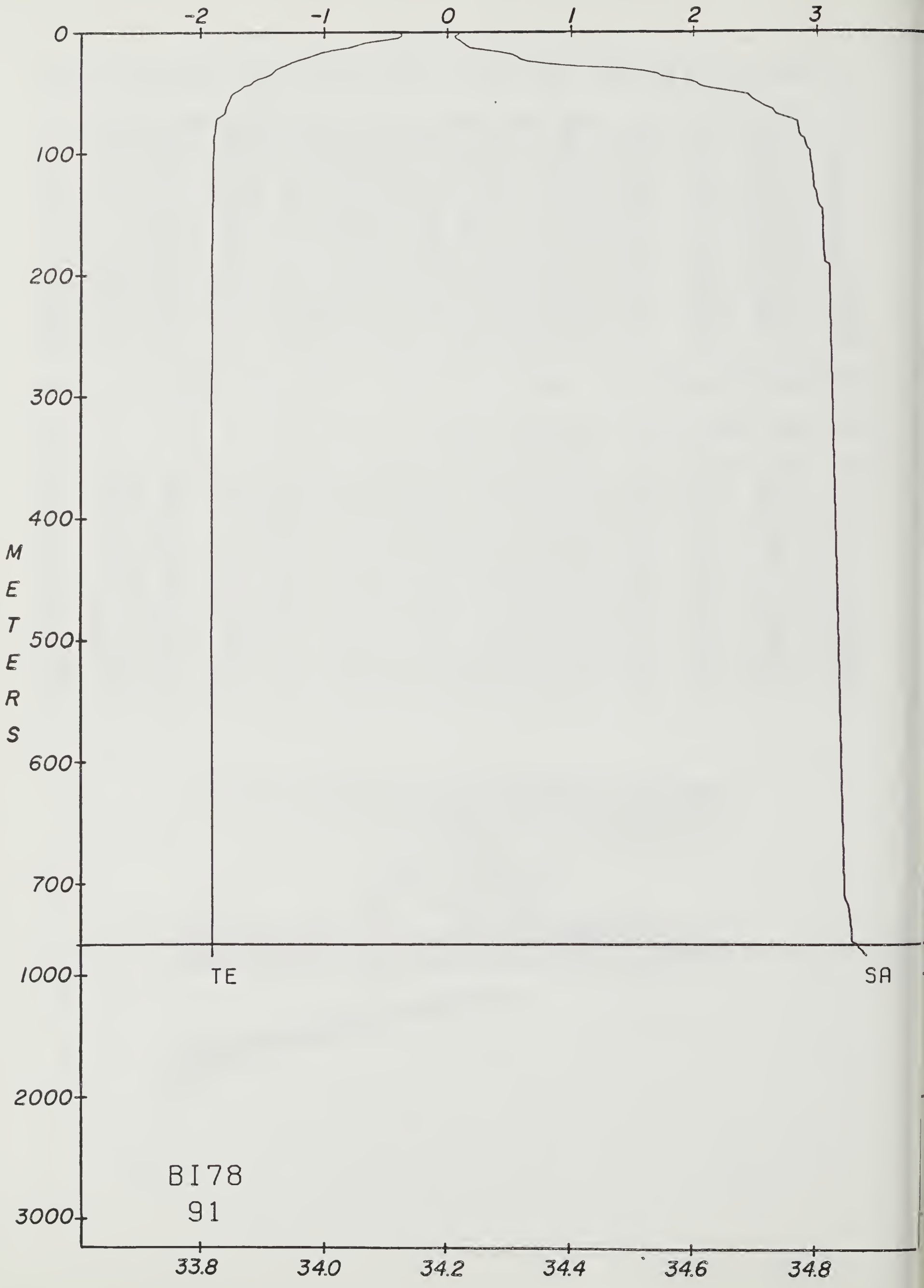
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.239	-1.239	1.640	34.299	27.573	29.958	32.313	36.937	52.36	0.000	1447.2	0
10	-1.370	-1.370	1.519	34.322	27.598	29.985	32.341	36.969	50.00	.005	1446.8	10
20	-1.695	-1.696	1.209	34.463	27.726	30.117	32.478	37.114	37.84	.010	1445.7	20
30	-1.795	-1.796	1.119	34.514	27.771	30.163	32.526	37.164	33.56	.013	1445.5	30
40	-1.011	-1.013	.912	34.534	27.796	30.192	32.557	37.202	31.12	.016	1444.6	40
50	-1.371	-1.373	.561	34.566	27.834	30.236	32.607	37.262	27.40	.019	1443.2	50
60	-1.863	-1.864	.083	34.669	27.931	30.340	32.718	37.387	18.11	.022	1441.2	60
70	-1.909	-1.910	.047	34.695	27.954	30.363	32.742	37.412	15.92	.023	1441.1	71
80	-1.905	-1.907	.058	34.696	27.954	30.363	32.742	37.412	15.82	.025	1441.3	81
90	-1.910	-1.911	.061	34.698	27.956	30.365	32.744	37.415	15.57	.026	1441.5	91
100	-1.922	-1.924	.057	34.698	27.957	30.366	32.745	37.416	15.47	.028	1441.6	101
125	-1.921	-1.924	.078	34.727	27.980	30.389	32.768	37.439	13.14	.032	1442.0	126
150	-1.924	-1.928	.094	34.736	27.988	30.396	32.776	37.447	12.26	.035	1442.4	151
175	-1.925	-1.929	.113	34.749	27.998	30.407	32.786	37.457	11.12	.038	1442.9	176
200	-1.920	-1.924	.138	34.757	28.004	30.413	32.792	37.462	10.41	.040	1443.3	202
225	-1.920	-1.925	.157	34.757	28.004	30.414	32.793	37.463	10.22	.043	1443.7	227
250	-1.919	-1.925	.177	34.763	28.009	30.418	32.797	37.468	9.63	.045	1444.2	252
267	-1.919	-1.925	.190	34.764	28.010	30.419	32.798	37.468	9.46	.047	1444.5	269

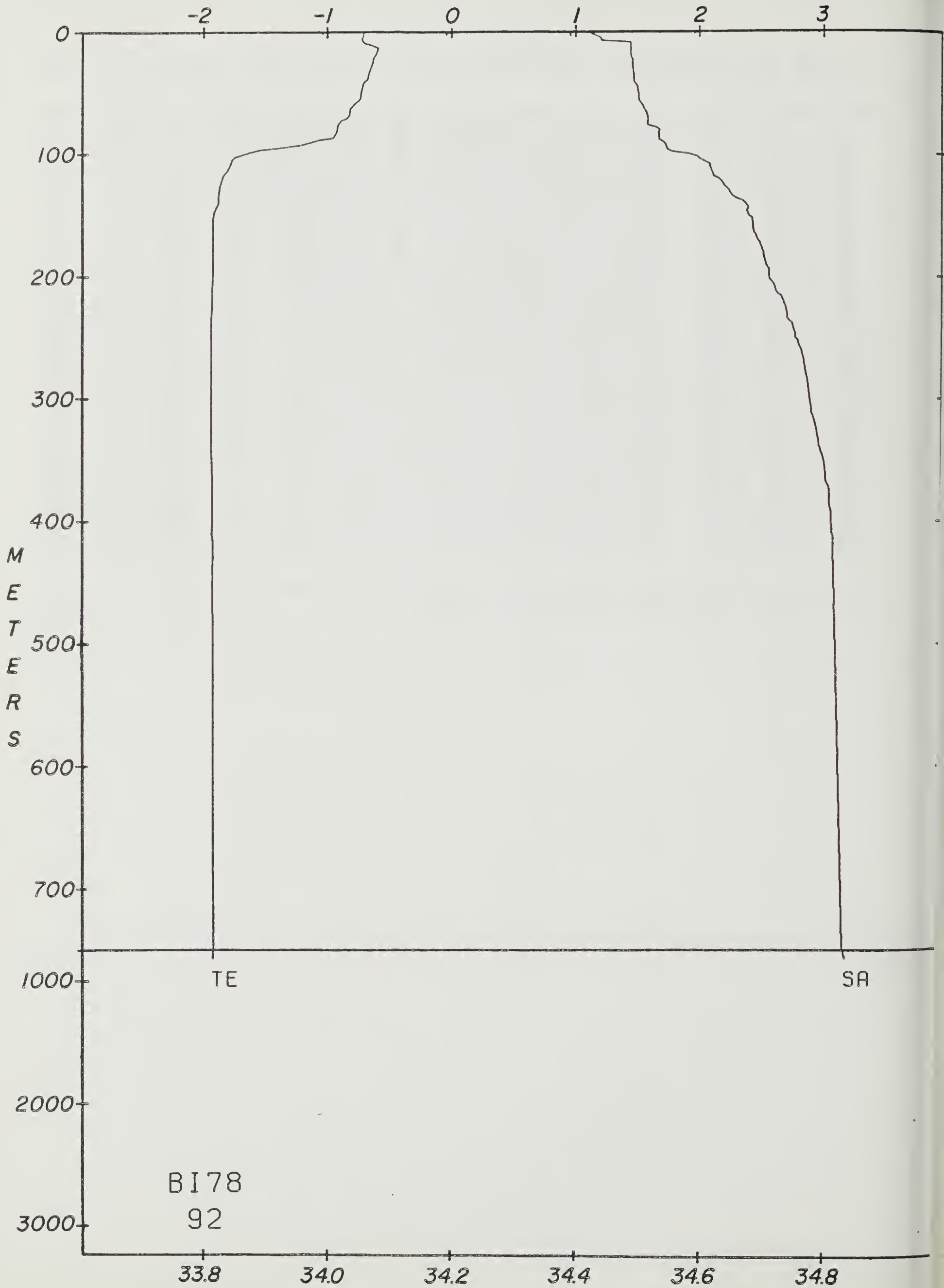
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 4.9S 164 21.9E 571 276 992.4 160 8 -0.6 0 0 0 1534 21JAN78 BI 78 2 90

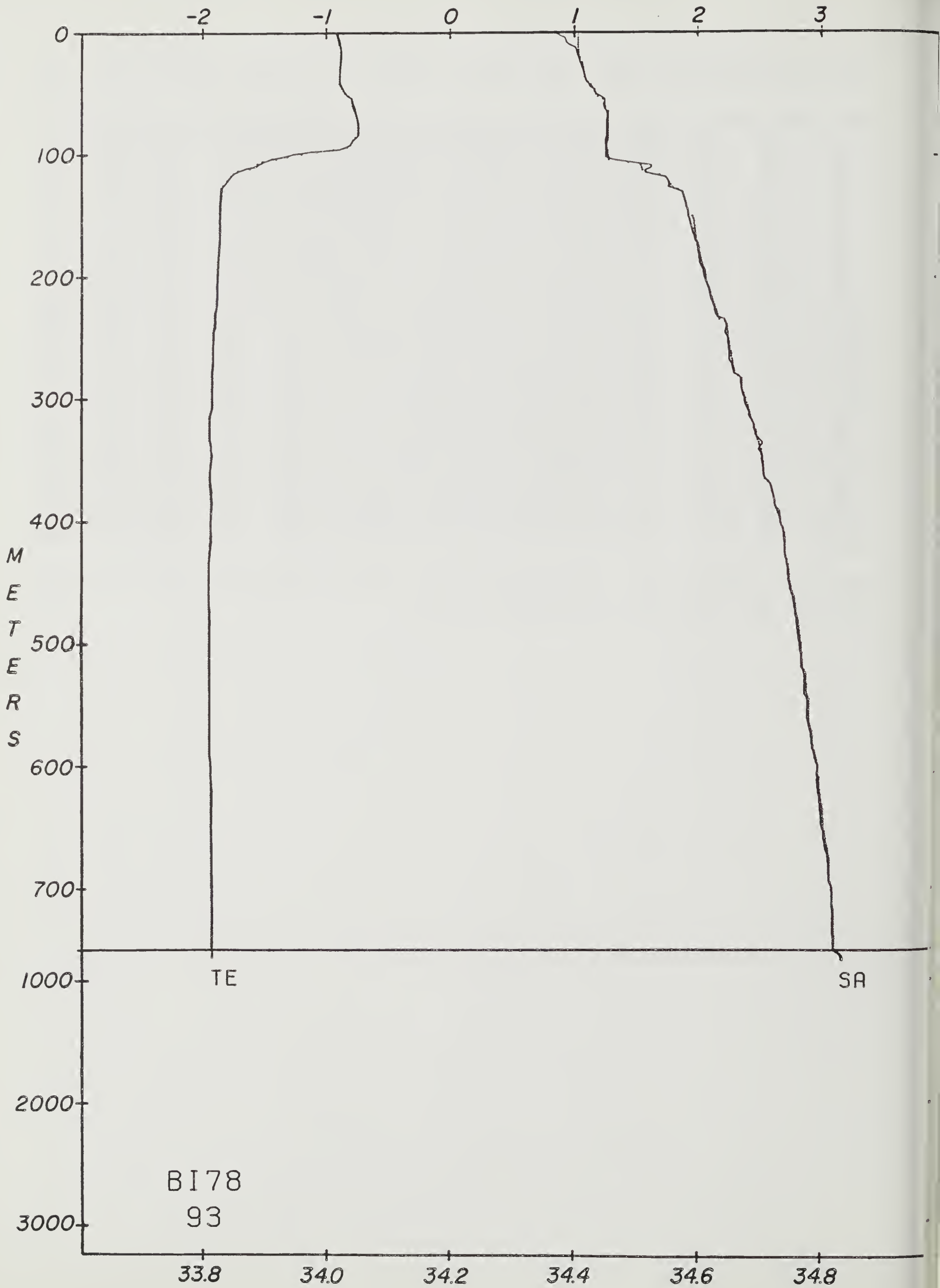
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.46	-0.46	1.42	34.287	27.57	29.96							0	90

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.320	-1.320	1.559	34.294	27.573	29.959	32.315	36.941	52.38	0.000	1446.9	0
10	-1.363	-1.364	1.523	34.301	27.580	29.967	32.324	36.951	51.66	.005	1446.8	10
20	-1.640	-1.641	1.263	34.456	27.718	30.108	32.469	37.103	38.58	.010	1445.9	20
30	-1.872	-1.873	1.044	34.549	27.803	30.196	32.560	37.200	30.53	.013	1445.1	30
40	-1.175	-1.176	.751	34.590	27.847	30.245	32.613	37.262	26.27	.016	1444.0	40
50	-1.591	-1.592	.346	34.654	27.912	30.316	32.690	37.351	20.04	.018	1442.3	50
60	-1.885	-1.886	.063	34.692	27.950	30.359	32.738	37.408	16.29	.020	1441.1	60
70	-1.927	-1.929	.028	34.700	27.958	30.367	32.747	37.418	15.49	.022	1441.1	71
80	-1.920	-1.921	.044	34.700	27.958	30.367	32.747	37.417	15.45	.023	1441.3	81
90	-1.926	-1.938	.035	34.711	27.967	30.377	32.756	37.427	14.50	.025	1441.4	91
100	-1.935	-1.937	.044	34.722	27.976	30.385	32.765	37.436	13.63	.026	1441.5	101
125	-1.928	-1.931	.071	34.731	27.984	30.393	32.772	37.443	12.75	.029	1442.0	126
150	-1.937	-1.940	.083	34.752	28.001	30.410	32.789	37.460	10.97	.032	1442.4	151
175	-1.926	-1.929	.113	34.758	28.005	30.414	32.793	37.464	10.43	.035	1442.9	176
200	-1.925	-1.929	.132	34.759	28.006	30.415	32.794	37.465	10.21	.038	1443.3	202
225	-1.925	-1.930	.152	34.760	28.007	30.416	32.795	37.466	9.99	.040	1443.7	227
250	-1.924	-1.929	.172	34.761	28.008	30.417	32.796	37.466	9.77	.043	1444.1	252
256	-1.920	-1.925	.181	34.761	28.008	30.417	32.796	37.466	9.75	.043	1444.3	258









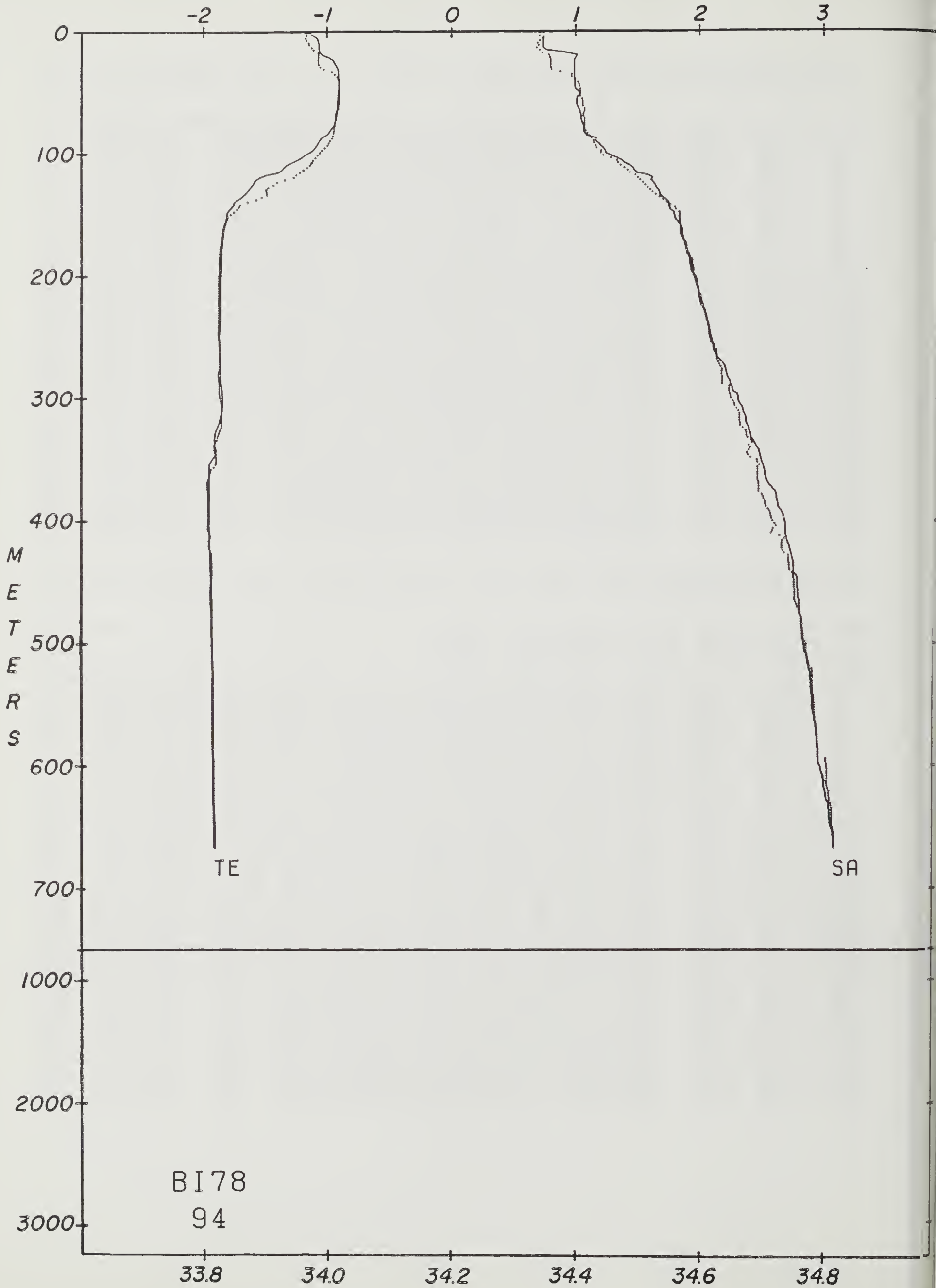
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 12.6S	170 33.9E	570	850	992.1	170	8	-9.4	0	0	0	249	22JAN78	BI	78	1	93

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .905	- .905	.979	34.369	27.658	30.053	32.418	37.061	44.30	0.000	1444.2	0
10	- .981	- .981	1.011	34.390	27.674	30.068	32.433	37.075	42.77	.004	1444.5	10
20	- .868	- .869	1.032	34.407	27.687	30.082	32.445	37.087	41.48	.009	1444.8	20
30	- .878	- .879	1.031	34.414	27.694	30.088	32.452	37.094	40.82	.013	1444.9	30
40	- .884	- .885	1.033	34.420	27.699	30.093	32.458	37.099	40.33	.017	1445.1	40
50	- .847	- .849	1.078	34.434	27.709	30.102	32.466	37.107	39.34	.021	1445.4	50
60	- .774	- .776	1.159	34.449	27.718	30.110	32.473	37.111	38.51	.025	1446.0	60
70	- .745	- .747	1.197	34.455	27.722	30.114	32.476	37.113	38.09	.028	1446.3	71
80	- .728	- .731	1.221	34.454	27.720	30.112	32.474	37.111	38.23	.032	1446.5	81
90	- .770	- .773	1.187	34.452	27.720	30.112	32.475	37.113	38.18	.036	1446.5	91
100	-1.114	-1.117	.850	34.453	27.734	30.132	32.499	37.148	36.75	.040	1445.0	101
125	-1.792	-1.795	.197	34.556	27.838	30.246	32.624	37.292	26.57	.048	1442.4	126
150	-1.845	-1.848	.165	34.587	27.865	30.273	32.652	37.321	23.90	.054	1442.6	151
175	-1.846	-1.850	.183	34.602	27.877	30.285	32.664	37.333	22.59	.060	1443.0	176
200	-1.860	-1.865	.189	34.613	27.886	30.295	32.674	37.343	21.56	.065	1443.4	202
225	-1.867	-1.872	.202	34.629	27.899	30.308	32.687	37.356	20.19	.071	1443.8	227
250	-1.890	-1.896	.199	34.650	27.917	30.326	32.705	37.376	18.33	.075	1444.1	252
275	-1.894	-1.901	.215	34.660	27.925	30.334	32.713	37.383	17.46	.080	1444.6	277
300	-1.900	-1.906	.229	34.679	27.940	30.349	32.728	37.399	15.85	.084	1445.0	302
325	-1.921	-1.929	.228	34.695	27.954	30.364	32.743	37.414	14.37	.088	1445.3	328
350	-1.902	-1.910	.267	34.707	27.963	30.373	32.752	37.422	13.38	.091	1445.8	353
375	-1.906	-1.915	.283	34.724	27.978	30.387	32.766	37.436	11.90	.094	1446.3	378
400	-1.908	-1.918	.300	34.738	27.989	30.398	32.777	37.447	10.71	.097	1446.7	403
425	-1.913	-1.923	.314	34.745	27.994	30.404	32.783	37.453	10.02	.100	1447.1	429
450	-1.926	-1.937	.321	34.752	28.000	30.410	32.789	37.460	9.30	.102	1447.4	454
475	-1.917	-1.929	.349	34.763	28.009	30.418	32.798	37.468	8.35	.104	1447.9	479
500	-1.916	-1.928	.370	34.770	28.014	30.424	32.803	37.473	7.71	.107	1448.4	504
550	-1.916	-1.930	.409	34.783	28.025	30.435	32.814	37.484	6.41	.110	1449.2	555
600	-1.905	-1.921	.458	34.800	28.039	30.448	32.826	37.496	4.91	.113	1450.1	605
650	-1.899	-1.917	.503	34.807	28.044	30.453	32.832	37.502	4.11	.115	1451.0	656
700	-1.891	-1.910	.550	34.824	28.058	30.467	32.845	37.514	2.60	.117	1451.9	706
750	-1.889	-1.910	.590	34.826	28.060	30.469	32.847	37.516	2.14	.118	1452.7	757
800	-1.889	-1.912	.628	34.836	28.067	30.476	32.855	37.524	1.16	.119	1453.6	808
845	-1.889	-1.913	.663	34.839	28.070	30.479	32.858	37.527	.66	.119	1454.3	853

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 12.4S	170 29.3E	570	850	992.0	170	8	-9.2	0	1475	0	337	22JAN78	BI	78	2	93

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.78	-0.78	1.11	34.438	27.71	30.10							0	93
829	-1.89	-1.91	0.65	34.843	28.07	30.48							0	93

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .907	- .907	.978	34.408	27.690	30.084	32.449	37.092	41.31	0.000	1444.3	0
10	- .887	- .887	1.006	34.408	27.689	30.083	32.448	37.090	41.35	.004	1444.5	10
20	- .870	- .871	1.030	34.409	27.690	30.084	32.448	37.089	41.27	.008	1444.8	20
30	- .878	- .879	1.031	34.417	27.696	30.090	32.454	37.096	40.65	.012	1444.9	30
40	- .883	- .884	1.034	34.421	27.700	30.094	32.458	37.100	40.26	.016	1445.1	40
50	- .850	- .851	1.075	34.436	27.710	30.104	32.468	37.108	39.21	.020	1445.4	50
60	- .777	- .779	1.157	34.451	27.720	30.112	32.475	37.113	38.31	.024	1445.9	60
70	- .746	- .748	1.196	34.457	27.723	30.115	32.477	37.114	37.96	.028	1446.3	71
80	- .730	- .732	1.220	34.457	27.722	30.114	32.476	37.113	38.00	.032	1446.5	81
90	- .771	- .773	1.186	34.456	27.723	30.116	32.478	37.116	37.87	.036	1446.5	91
100	-1.063	-1.066	.901	34.456	27.735	30.132	32.499	37.145	36.68	.039	1445.3	101
125	-1.791	-1.794	.198	34.558	27.839	30.247	32.625	37.293	26.43	.047	1442.4	126
150	-1.846	-1.849	.164	34.589	27.866	30.275	32.654	37.323	23.73	.054	1442.6	151
175	-1.847	-1.851	.182	34.603	27.878	30.287	32.665	37.334	22.49	.059	1443.0	176
200	-1.862	-1.866	.187	34.616	27.888	30.297	32.676	37.346	21.36	.065	1443.4	202
225	-1.867	-1.872	.202	34.631	27.901	30.309	32.688	37.358	20.05	.070	1443.8	227
250	-1.895	-1.900	.195	34.652	27.919	30.328	32.707	37.378	18.17	.075	1444.1	252
275	-1.899	-1.905	.210	34.661	27.926	30.335	32.714	37.385	17.32	.079	1444.5	277
300	-1.905	-1.911	.224	34.681	27.942	30.351	32.730	37.401	15.68	.083	1445.0	302
325	-1.926	-1.934	.223	34.697	27.955	30.365	32.744	37.416	14.25	.087	1445.3	328
350	-1.907	-1.915	.262	34.709	27.965	30.374	32.753	37.424	13.21	.090	1445.8	353
375	-1.914	-1.923	.274	34.725	27.978	30.387	32.766	37.437	11.86	.094	1446.2	378
400	-1.909	-1.918	.299	34.738	27.988	30.398	32.777	37.447	10.73	.096	1446.7	403
425	-1.917	-1.927	.311	34.746	27.995	30.405	32.784	37.454	9.93	.099	1447.1	429
450	-1.926	-1.937	.321	34.754	28.002	30.412	32.791	37.462	9.12	.101	1447.4	454
475	-1.922	-1.933	.345	34.765	28.011	30.420	32.799	37.469	8.21	.104	1447.9	479
500	-1.921	-1.934	.365	34.772	28.017	30.426	32.805	37.476	7.49	.106	1448.3	504
550	-1.916	-1.930	.409	34.786	28.028	30.437	32.816	37.486	6.18	.109	1449.2	555
600	-1.905	-1.921	.459	34.801	28.040	30.449	32.828	37.497	4.81	.112	1450.1	605
650	-1.900	-1.917	.502	34.810	28.047	30.456	32.835	37.504	3.87	.114	1451.0	656
700	-1.894	-1.913	.547	34.824	28.058	30.467	32.845	37.515	2.59	.115	1451.9	706
750	-1.894	-1.914	.585	34.828	28.061	30.471	32.849	37.518	1.99	.117	1452.7	757
800	-1.889	-1.912	.628	34.837	28.069	30.478	32.856	37.525	1.03	.117	1453.6	808
845	-1.889	-1.913	.663	34.841	28.072	30.481	32.859	37.529	.51	.118	1454.3	853



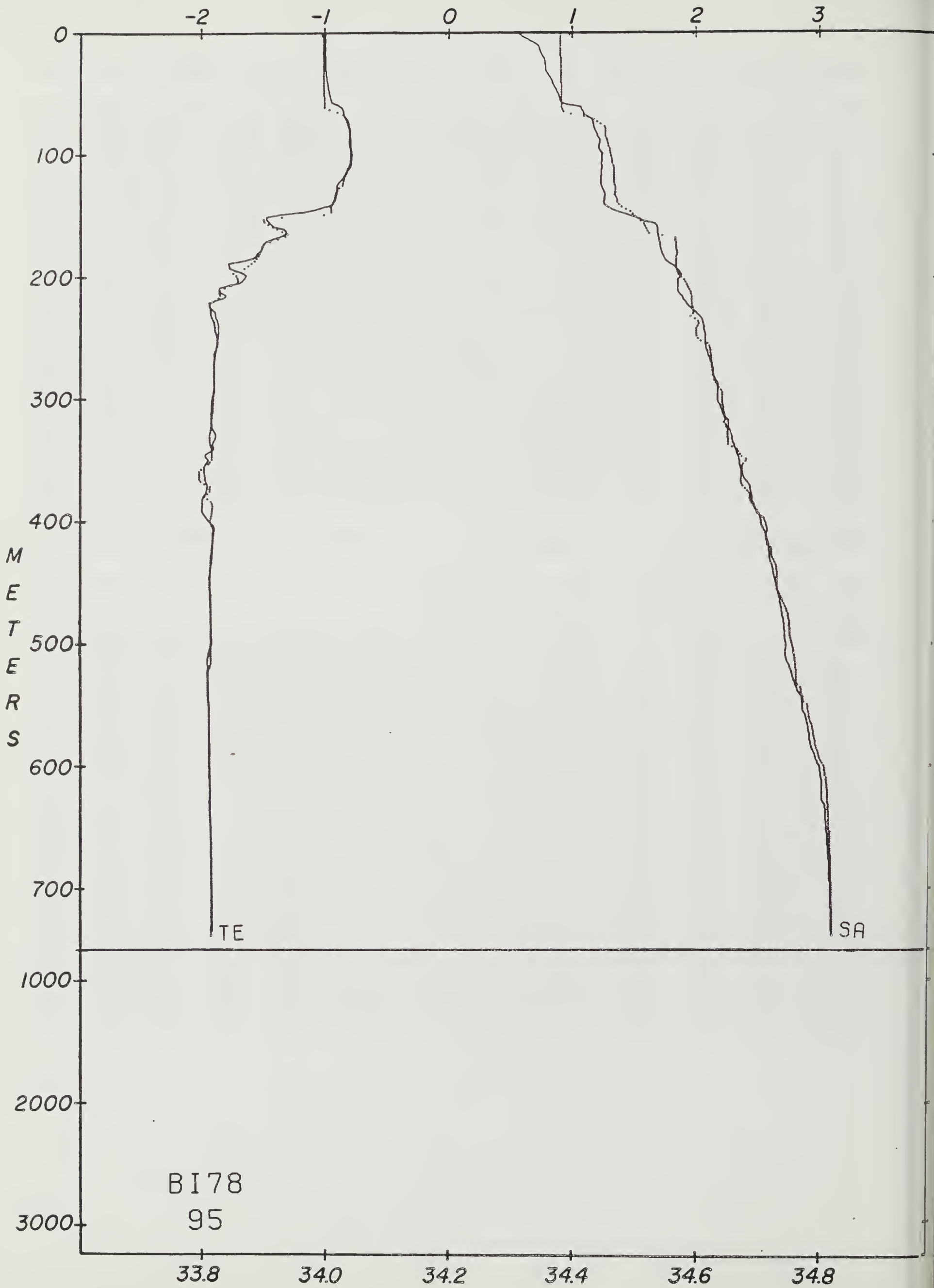
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 20.1S	172 44.0E	570	675	992.3	170	2	-6.1	0	1550	0	1224	22JAN78	BI 78 1				94

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.195	-1.195	.688	34.348	27.652	30.051	32.421	37.072	44.93	0.000	1442.9	0
10	-1.071	-1.071	.819	34.348	27.647	30.045	32.412	37.060	45.29	.005	1443.6	10
20	-1.051	-1.052	.848	34.383	27.675	30.072	32.439	37.086	42.66	.009	1443.9	20
30	-.925	-.926	.983	34.399	27.683	30.078	32.443	37.086	41.83	.013	1444.7	30
40	-.902	-.903	1.013	34.399	27.682	30.077	32.442	37.084	41.88	.017	1445.0	40
50	-.902	-.903	1.021	34.402	27.684	30.079	32.444	37.086	41.65	.021	1445.1	50
60	-.911	-.912	1.020	34.403	27.686	30.081	32.446	37.088	41.47	.026	1445.3	60
70	-.919	-.921	1.020	34.409	27.691	30.086	32.451	37.094	40.97	.030	1445.4	71
80	-.946	-.949	1.000	34.413	27.696	30.091	32.456	37.100	40.49	.034	1445.4	81
90	-1.048	-1.050	.907	34.431	27.713	30.110	32.477	37.123	38.74	.038	1445.1	91
100	-1.118	-1.121	.846	34.449	27.730	30.128	32.496	37.145	37.07	.042	1445.0	101
125	-1.584	-1.587	.403	34.525	27.807	30.212	32.587	37.249	29.55	.050	1443.3	126
130	-1.800	-1.804	.208	34.559	27.841	30.249	32.627	37.295	26.14	.057	1442.8	131
175	-1.842	-1.846	.186	34.577	27.857	30.265	32.644	37.313	24.50	.063	1443.0	176
200	-1.849	-1.854	.199	34.591	27.868	30.277	32.655	37.325	23.27	.069	1443.4	202
225	-1.852	-1.857	.216	34.606	27.880	30.289	32.668	37.337	21.96	.075	1443.9	227
250	-1.865	-1.870	.223	34.619	27.891	30.300	32.678	37.348	20.81	.080	1444.2	252
275	-1.855	-1.861	.253	34.641	27.909	30.317	32.696	37.365	18.99	.085	1444.7	277
300	-1.838	-1.845	.290	34.663	27.926	30.334	32.712	37.381	17.27	.090	1445.2	302
325	-1.876	-1.884	.272	34.680	27.940	30.349	32.728	37.398	15.70	.094	1445.5	328
350	-1.910	-1.919	.258	34.700	27.958	30.367	32.747	37.417	13.88	.098	1445.8	353
375	-1.948	-1.957	.240	34.718	27.974	30.384	32.763	37.435	12.21	.101	1446.0	378
400	-1.948	-1.958	.260	34.738	27.990	30.400	32.779	37.451	10.55	.104	1446.5	403
425	-1.942	-1.952	.286	34.748	27.997	30.407	32.786	37.458	9.71	.106	1446.9	429
450	-1.931	-1.942	.316	34.759	28.006	30.416	32.795	37.466	8.74	.108	1447.4	454
475	-1.922	-1.933	.345	34.762	28.009	30.418	32.797	37.467	8.40	.111	1447.9	479
500	-1.922	-1.934	.364	34.769	28.014	30.423	32.802	37.473	7.76	.113	1448.3	504
550	-1.916	-1.930	.409	34.783	28.025	30.435	32.814	37.484	6.41	.116	1449.2	555
600	-1.916	-1.932	.447	34.794	28.035	30.444	32.823	37.493	5.26	.119	1450.1	605
650	-1.902	-1.919	.500	34.813	28.049	30.458	32.837	37.507	3.65	.121	1451.0	656
669	-1.900	-1.918	.517	34.819	28.054	30.463	32.842	37.511	3.08	.122	1451.3	675

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 20.0S	172 45.0E	570	675	992.5	160	3	-2.8	0		0	0	1343	22JAN78	BI 78 2			94

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	C-18	TRIT	FLAG	M	STN
1	-1.15	-1.15	0.73	34.341	27.64	30.04							0	94
655	-1.90	-1.92	0.31	34.818	28.05	30.46							0	94

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.177	-1.177	.705	34.339	27.644	30.043	32.412	37.063	45.67	0.000	1442.9	0
10	-1.159	-1.159	.730	34.343	27.646	30.045	32.414	37.065	45.40	.005	1443.2	10
20	-1.074	-1.075	.823	34.349	27.648	30.046	32.413	37.062	45.15	.009	1443.8	20
30	-1.060	-1.061	.846	34.361	27.658	30.055	32.422	37.069	44.25	.014	1444.0	30
40	-.916	-.917	.999	34.396	27.681	30.076	32.440	37.083	42.04	.018	1444.9	40
50	-.895	-.896	1.029	34.409	27.690	30.084	32.449	37.091	41.14	.022	1445.2	50
60	-.895	-.897	1.036	34.413	27.693	30.088	32.452	37.094	40.78	.026	1445.3	60
70	-.921	-.923	1.018	34.415	27.696	30.091	32.456	37.099	40.51	.030	1445.4	71
80	-.934	-.936	1.013	34.416	27.697	30.092	32.458	37.101	40.32	.034	1445.5	81
90	-.956	-.959	.999	34.427	27.707	30.102	32.468	37.112	39.37	.038	1445.6	91
100	-1.037	-1.040	.926	34.440	27.720	30.117	32.484	37.130	38.04	.042	1445.4	101
125	-1.364	-1.367	.623	34.508	27.787	30.188	32.560	37.215	31.56	.051	1444.4	126
130	-1.746	-1.750	.262	34.568	27.847	30.254	32.631	37.297	25.62	.058	1443.1	151
175	-1.842	-1.846	.187	34.579	27.858	30.267	32.645	37.315	24.35	.064	1443.0	176
200	-1.864	-1.868	.184	34.592	27.869	30.278	32.657	37.327	23.17	.070	1443.4	202
225	-1.866	-1.871	.202	34.604	27.879	30.287	32.666	37.336	22.12	.076	1443.8	227
250	-1.868	-1.874	.219	34.617	27.890	30.298	32.677	37.347	20.93	.081	1444.2	252
275	-1.856	-1.862	.252	34.634	27.903	30.312	32.690	37.360	19.53	.086	1444.7	277
300	-1.858	-1.865	.270	34.651	27.917	30.325	32.704	37.374	18.09	.091	1445.1	302
325	-1.843	-1.851	.304	34.669	27.931	30.339	32.718	37.387	16.61	.095	1445.6	328
350	-1.884	-1.893	.283	34.685	27.945	30.354	32.733	37.403	15.09	.099	1445.9	353
375	-1.959	-1.968	.228	34.697	27.957	30.367	32.747	37.419	13.81	.103	1446.0	378
400	-1.950	-1.960	.257	34.718	27.974	30.384	32.763	37.435	12.06	.106	1446.5	403
425	-1.939	-1.949	.288	34.735	27.987	30.397	32.776	37.447	10.69	.109	1446.9	429
450	-1.921	-1.932	.326	34.754	28.002	30.411	32.790	37.461	9.19	.111	1447.5	454
475	-1.923	-1.935	.343	34.763	28.009	30.418	32.797	37.468	8.36	.114	1447.9	479
500	-1.920	-1.933	.366	34.772	28.016	30.426	32.805	37.475	7.54	.116	1448.3	504
550	-1.917	-1.931	.408	34.787	28.028	30.438	32.817	37.487	6.12	.119	1449.2	555
600	-1.906	-1.921	.458	34.807	28.044	30.453	32.832	37.502	4.36	.122	1450.1	605
650	-1.901	-1.918	.501	34.816	28.052	30.461	32.840	37.509	3.39	.124	1451.0	656
668	-1.900	-1.918	.516	34.819	28.054	30.463	32.842	37.511	3.09	.124	1451.3	674



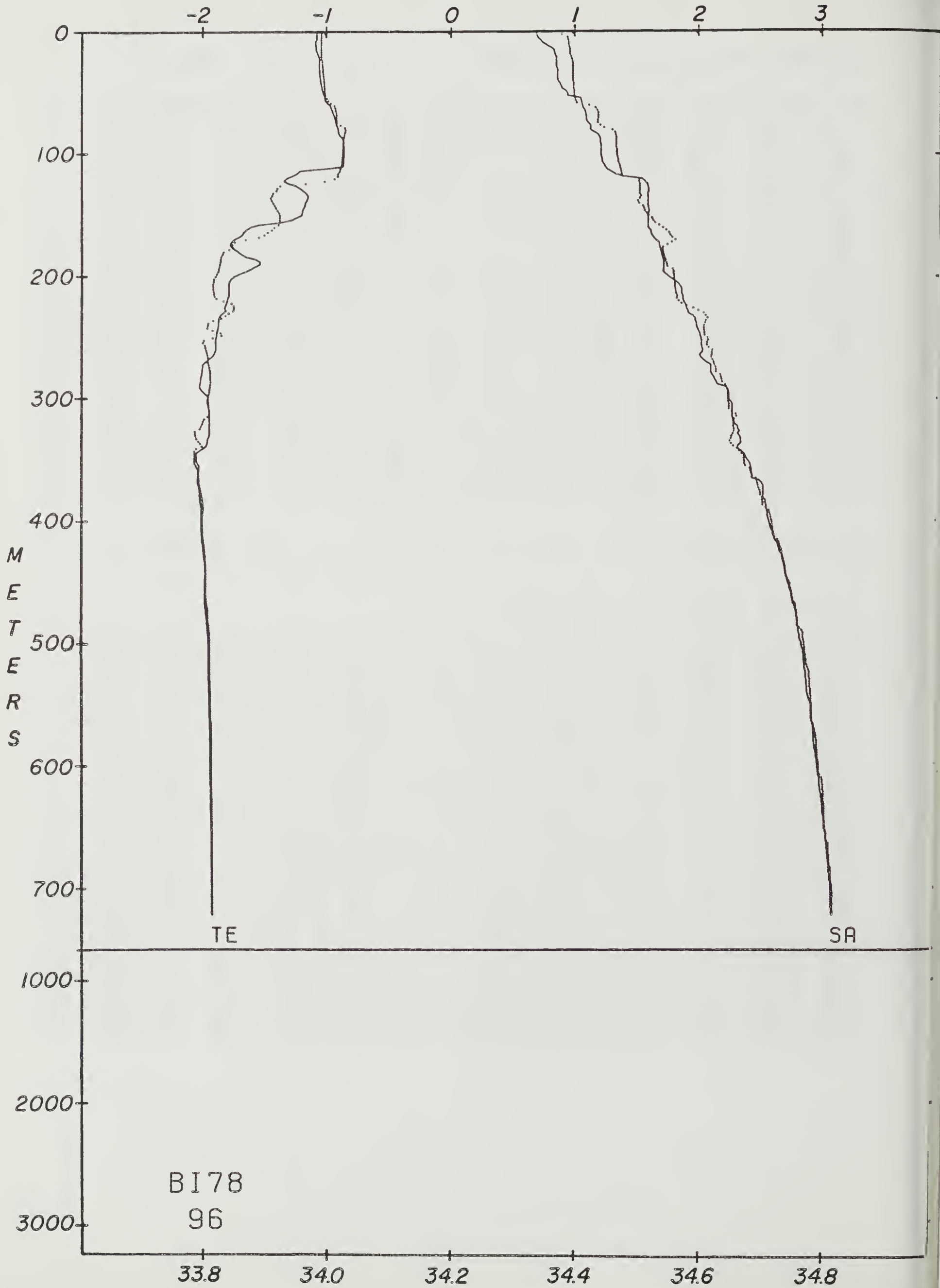
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 27.1S	174 6.5E	570	742	993.0	200	5	-9.4	0	925	0	1702	22JAN78	BI	78	1	95	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .970	- .970	.910	34.315	27.617	30.013	32.379	37.024	48.21	0.000	1443.9	0
10	- .970	- .970	.919	34.346	27.642	30.038	32.404	37.049	45.78	.005	1444.1	10
20	- .970	- .971	.928	34.357	27.651	30.047	32.413	37.058	44.91	.009	1444.3	20
30	- .967	- .968	.939	34.362	27.655	30.051	32.417	37.061	44.51	.014	1444.4	30
40	- .957	- .958	.957	34.372	27.662	30.058	32.424	37.068	43.76	.018	1444.7	40
50	- .940	- .942	.982	34.381	27.669	30.065	32.430	37.074	43.08	.022	1444.9	50
60	- .873	- .875	1.058	34.398	27.680	30.074	32.439	37.080	42.02	.027	1445.4	60
70	- .811	- .813	1.129	34.430	27.704	30.097	32.460	37.100	39.76	.031	1445.9	71
80	- .776	- .778	1.172	34.441	27.711	30.104	32.467	37.105	39.03	.035	1446.3	81
90	- .767	- .770	1.189	34.449	27.718	30.110	32.473	37.111	38.42	.039	1446.5	91
100	- .758	- .762	1.206	34.453	27.720	30.113	32.475	37.113	38.12	.042	1446.7	101
125	- .874	- .877	1.109	34.451	27.724	30.118	32.482	37.123	37.70	.052	1446.6	126
150	-1.335	-1.339	.669	34.491	27.772	30.173	32.544	37.199	32.86	.061	1444.9	151
175	-1.479	-1.484	.547	34.547	27.822	30.225	32.598	37.257	27.94	.068	1444.7	176
200	-1.615	-1.620	.432	34.580	27.853	30.258	32.633	37.296	24.82	.075	1444.5	202
225	-1.910	-1.915	.157	34.592	27.870	30.280	32.660	37.331	22.88	.081	1443.6	227
250	-1.841	-1.846	.247	34.619	27.890	30.299	32.677	37.346	20.88	.086	1444.3	252
275	-1.878	-1.885	.229	34.631	27.901	30.310	32.689	37.359	19.72	.091	1444.6	277
300	-1.890	-1.897	.237	34.639	27.908	30.317	32.696	37.367	18.90	.096	1445.0	302
325	-1.886	-1.894	.261	34.658	27.923	30.332	32.711	37.381	17.34	.101	1445.4	328
350	-1.930	-1.938	.236	34.674	27.937	30.347	32.727	37.398	15.78	.105	1445.7	353
375	-1.937	-1.945	.250	34.693	27.952	30.362	32.742	37.413	14.22	.109	1446.1	378
400	-1.918	-1.927	.289	34.715	27.971	30.380	32.759	37.430	12.40	.112	1446.6	403
425	-1.891	-1.901	.336	34.722	27.975	30.384	32.763	37.433	11.83	.115	1447.2	429
450	-1.911	-1.922	.335	34.733	27.985	30.394	32.773	37.443	10.79	.118	1447.5	454
475	-1.903	-1.914	.363	34.743	27.993	30.402	32.781	37.451	9.90	.120	1448.0	479
500	-1.897	-1.910	.387	34.750	27.998	30.407	32.786	37.456	9.30	.123	1448.4	504
550	-1.921	-1.935	.404	34.777	28.021	30.430	32.809	37.479	6.85	.127	1449.2	555
600	-1.917	-1.932	.447	34.804	28.042	30.451	32.831	37.501	4.54	.130	1450.1	605
650	-1.904	-1.921	.498	34.815	28.051	30.460	32.839	37.508	3.47	.132	1451.0	656
700	-1.898	-1.917	.543	34.822	28.057	30.466	32.844	37.514	2.69	.133	1451.8	706
735	-1.895	-1.915	.572	34.823	28.057	30.467	32.845	37.514	2.44	.134	1452.4	742

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 26.5S	174 3.1E	570	742	993.6	200	5	-9.4	0	0	0	1823	22JAN78	BI	78	2	95	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-0.98	-0.98	0.91	34.387	27.68	30.07							0	95
728	-1.90	-1.92	0.56	34.821	28.06	30.46							0	95

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .982	- .982	.903	34.386	27.675	30.071	32.437	37.081	42.73	0.000	1443.9	0
10	- .982	- .982	.910	34.386	27.675	30.071	32.437	37.082	42.69	.004	1444.1	10
20	- .982	- .982	.918	34.386	27.675	30.071	32.437	37.082	42.65	.009	1444.2	20
30	- .982	- .982	.926	34.387	27.676	30.071	32.438	37.082	42.54	.013	1444.4	30
40	- .982	- .983	.933	34.387	27.676	30.071	32.438	37.082	42.50	.017	1444.6	40
50	- .978	- .979	.945	34.388	27.676	30.072	32.438	37.083	42.41	.021	1444.8	50
60	- .972	- .974	.957	34.388	27.676	30.072	32.438	37.082	42.39	.026	1444.9	60
70	- .810	- .812	1.130	34.423	27.698	30.092	32.454	37.094	40.29	.030	1445.9	71
80	- .770	- .773	1.179	34.459	27.725	30.118	32.480	37.118	37.71	.034	1446.3	81
90	- .773	- .776	1.184	34.462	27.728	30.120	32.483	37.121	37.43	.037	1446.5	91
100	- .760	- .763	1.205	34.467	27.732	30.124	32.487	37.124	37.03	.041	1446.7	101
125	- .829	- .833	1.155	34.473	27.740	30.133	32.496	37.136	36.21	.050	1446.8	126
150	-1.018	-1.022	.987	34.503	27.771	30.167	32.533	37.178	33.10	.059	1446.4	151
175	-1.471	-1.475	.557	34.573	27.843	30.246	32.619	37.277	25.99	.066	1444.8	176
200	-1.687	-1.692	.360	34.577	27.853	30.259	32.635	37.300	24.82	.073	1444.2	202
225	-1.904	-1.909	.163	34.599	27.875	30.285	32.665	37.336	22.38	.079	1443.6	227
250	-1.843	-1.849	.244	34.606	27.880	30.288	32.667	37.336	21.89	.084	1444.3	252
275	-1.869	-1.875	.239	34.631	27.900	30.309	32.688	37.358	19.76	.089	1444.6	277
300	-1.874	-1.881	.253	34.647	27.914	30.323	32.702	37.372	18.35	.094	1445.0	302
325	-1.896	-1.903	.251	34.655	27.921	30.330	32.709	37.380	17.52	.098	1445.4	328
350	-1.890	-1.898	.277	34.684	27.944	30.353	32.732	37.402	15.20	.103	1445.9	353
375	-1.905	-1.913	.282	34.686	27.946	30.356	32.735	37.405	14.83	.106	1446.2	378
400	-1.898	-1.908	.309	34.710	27.965	30.375	32.753	37.424	12.91	.110	1446.7	403
425	-1.889	-1.899	.338	34.727	27.979	30.388	32.767	37.437	11.48	.113	1447.2	429
450	-1.906	-1.917	.340	34.736	27.987	30.396	32.775	37.446	10.59	.116	1447.5	454
475	-1.896	-1.907	.370	34.753	28.000	30.409	32.788	37.458	9.20	.118	1448.0	479
500	-1.896	-1.908	.390	34.760	28.006	30.415	32.794	37.464	8.52	.120	1448.4	504
550	-1.913	-1.927	.411	34.785	28.027	30.436	32.815	37.485	6.30	.124	1449.2	555
600	-1.906	-1.922	.458	34.812	28.049	30.458	32.836	37.506	3.97	.127	1450.1	605
650	-1.896	-1.913	.507	34.820	28.055	30.464	32.843	37.512	3.13	.128	1451.0	656
700	-1.890	-1.909	.551	34.824	28.058	30.467	32.845	37.514	2.58	.130	1451.9	706
739	-1.895	-1.915	.575	34.825	28.059	30.468	32.847	37.516	2.27	.131	1452.5	746



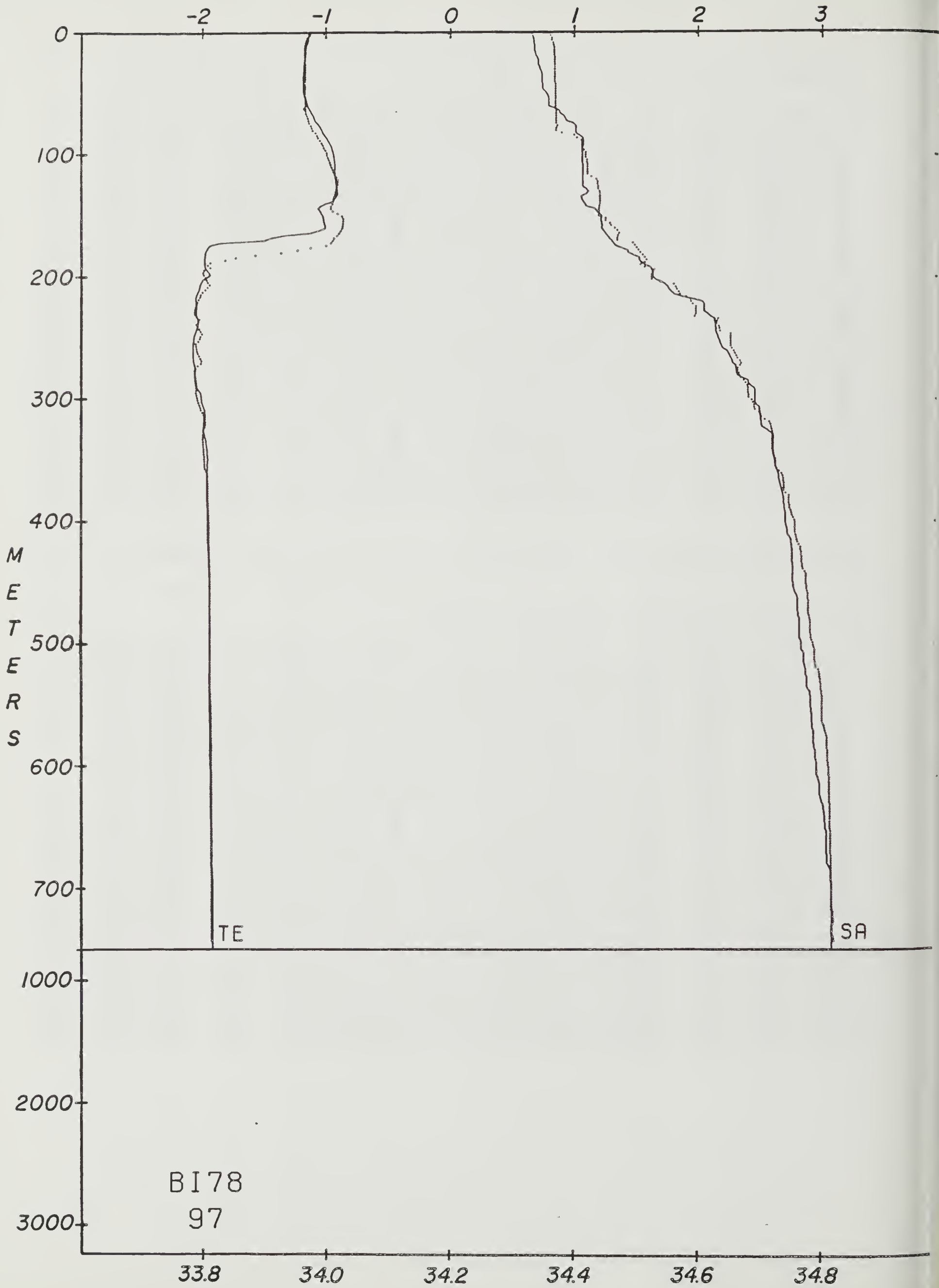
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 33.75	175 39.8E	570	728	994.0	170	6	-10.8	0	0	0	0	2246	22JAN78	BI	78	1	96

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.064	-1.064	.818	34.343	27.643	30.040	32.408	37.053	45.74	0.000	1443.5	0
10	-1.071	-1.072	.819	34.353	27.651	30.049	32.416	37.064	44.92	.003	1443.6	10
20	-1.056	-1.056	.843	34.372	27.667	30.064	32.431	37.078	43.43	.009	1443.9	20
30	-1.042	-1.043	.864	34.375	27.668	30.063	32.432	37.079	43.27	.013	1444.1	30
40	-1.033	-1.036	.879	34.376	27.669	30.066	32.433	37.079	43.15	.018	1444.3	40
50	-1.018	-1.019	.904	34.388	27.678	30.074	32.441	37.087	42.23	.022	1444.6	50
60	-.978	-.980	.953	34.415	27.698	30.094	32.460	37.105	40.28	.026	1445.0	60
70	-.924	-.926	1.015	34.422	27.702	30.097	32.462	37.105	39.93	.030	1445.4	71
80	-.896	-.898	1.052	34.429	27.706	30.101	32.465	37.107	39.47	.034	1445.7	81
90	-.852	-.854	1.104	34.445	27.717	30.111	32.475	37.116	38.42	.038	1446.1	91
100	-.845	-.848	1.119	34.446	27.718	30.112	32.475	37.116	38.31	.042	1446.3	101
125	-1.308	-1.311	.679	34.519	27.794	30.194	32.565	37.218	30.92	.050	1444.6	126
150	-1.181	-1.185	.825	34.523	27.793	30.191	32.560	37.210	30.96	.058	1445.6	151
175	-1.755	-1.759	.271	34.540	27.824	30.231	32.609	37.276	27.60	.065	1443.4	176
200	-1.683	-1.688	.363	34.550	27.830	30.236	32.613	37.277	26.95	.072	1444.2	202
225	-1.797	-1.802	.269	34.582	27.860	30.267	32.645	37.313	23.96	.079	1444.1	227
250	-1.874	-1.879	.213	34.606	27.881	30.290	32.669	37.339	21.75	.084	1444.2	252
275	-1.987	-1.993	.119	34.623	27.897	30.308	32.689	37.362	19.98	.090	1444.1	277
300	-1.942	-1.949	.185	34.652	27.920	30.330	32.709	37.381	17.75	.094	1444.7	302
325	-1.927	-1.935	.220	34.667	27.932	30.341	32.721	37.392	16.48	.099	1445.2	328
350	-2.036	-2.044	.131	34.682	27.946	30.357	32.738	37.413	14.88	.102	1445.2	353
375	-2.012	-2.020	.176	34.708	27.967	30.378	32.758	37.432	12.80	.106	1445.7	378
400	-1.996	-2.005	.211	34.717	27.973	30.384	32.764	37.437	12.04	.109	1446.2	403
425	-1.978	-1.988	.249	34.734	27.987	30.398	32.778	37.450	10.60	.112	1446.8	429
450	-1.966	-1.977	.280	34.748	27.998	30.409	32.788	37.460	9.43	.114	1447.2	454
475	-1.959	-1.970	.308	34.761	28.009	30.419	32.799	37.470	8.33	.117	1447.7	479
500	-1.936	-1.949	.349	34.769	28.015	30.424	32.804	37.474	7.66	.119	1448.3	504
550	-1.929	-1.943	.396	34.786	28.028	30.438	32.817	37.488	6.13	.122	1449.1	555
600	-1.920	-1.936	.443	34.796	28.036	30.445	32.824	37.495	5.12	.125	1450.0	605
650	-1.910	-1.927	.492	34.808	28.046	30.455	32.833	37.503	3.98	.127	1450.9	656
700	-1.903	-1.922	.537	34.819	28.054	30.463	32.842	37.512	2.90	.129	1451.8	706
723	-1.903	-1.922	.555	34.819	28.054	30.463	32.842	37.512	2.78	.129	1452.2	730

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 34.05	175 40.0E	570	728	994.5	170	6	-10.6	0	0	0	0	2335	22JAN78	BI	78	2	96

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.05	-1.05	0.83	34.385	27.68	30.07							0	96
720	-1.90	-1.92	0.56	34.815	28.05	30.46							0	96

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.026	-1.026	.858	34.383	27.674	30.071	32.437	37.084	42.80	0.000	1443.7	0
10	-1.027	-1.027	.865	34.394	27.683	30.079	32.446	37.092	41.95	.004	1443.9	10
20	-1.027	-1.028	.873	34.396	27.685	30.081	32.448	37.094	41.71	.009	1444.0	20
30	-1.014	-1.015	.894	34.401	27.688	30.085	32.451	37.097	41.35	.013	1444.3	30
40	-1.005	-1.006	.911	34.401	27.688	30.084	32.450	37.096	41.35	.017	1444.5	40
50	-.997	-.998	.926	34.403	27.689	30.085	32.451	37.097	41.22	.021	1444.7	50
60	-.947	-.949	.984	34.410	27.693	30.089	32.454	37.098	40.78	.025	1445.1	60
70	-.899	-.901	1.041	34.442	27.717	30.112	32.476	37.118	38.47	.029	1445.5	71
80	-.837	-.839	1.112	34.453	27.724	30.117	32.481	37.121	37.85	.033	1446.0	81
90	-.844	-.847	1.113	34.471	27.738	30.132	32.495	37.136	36.43	.036	1446.2	91
100	-.850	-.853	1.115	34.472	27.739	30.133	32.497	37.137	36.30	.040	1446.3	101
125	-1.072	-1.075	.914	34.508	27.777	30.174	32.541	37.188	32.58	.049	1445.7	126
150	-1.362	-1.366	.644	34.520	27.796	30.198	32.569	37.224	30.54	.057	1444.8	151
175	-1.732	-1.736	.295	34.556	27.837	30.244	32.621	37.287	26.43	.064	1443.5	176
200	-1.865	-1.869	.181	34.563	27.846	30.255	32.634	37.304	25.36	.070	1443.3	202
225	-1.737	-1.742	.329	34.581	27.857	30.264	32.640	37.307	24.28	.076	1444.4	227
250	-1.840	-1.846	.247	34.614	27.886	30.295	32.673	37.342	21.28	.082	1444.3	252
275	-1.929	-1.935	.178	34.630	27.901	30.311	32.691	37.363	19.62	.087	1444.3	277
300	-1.939	-1.945	.189	34.652	27.920	30.329	32.709	37.381	17.76	.092	1444.7	302
325	-2.004	-2.012	.142	34.660	27.928	30.339	32.720	37.393	16.77	.096	1444.9	328
350	-2.050	-2.057	.117	34.677	27.942	30.354	32.736	37.411	15.19	.100	1445.1	353
375	-2.001	-2.009	.186	34.702	27.962	30.373	32.753	37.427	13.27	.104	1445.8	378
400	-1.985	-1.995	.222	34.722	27.978	30.388	32.768	37.441	11.64	.107	1446.3	403
425	-1.965	-1.975	.263	34.738	27.990	30.400	32.780	37.452	10.35	.110	1446.8	429
450	-1.955	-1.965	.292	34.750	28.000	30.409	32.789	37.461	9.35	.112	1447.3	454
475	-1.938	-1.950	.328	34.763	28.009	30.419	32.798	37.469	8.30	.114	1447.8	479
500	-1.923	-1.936	.363	34.775	28.019	30.428	32.807	37.478	7.30	.116	1448.3	504
550	-1.918	-1.932	.407	34.786	28.028	30.437	32.816	37.487	6.17	.120	1449.2	555
600	-1.907	-1.923	.456	34.798	28.037	30.447	32.825	37.495	5.03	.122	1450.1	605
650	-1.902	-1.919	.500	34.807	28.045	30.454	32.832	37.502	4.09	.125	1451.0	656
700	-1.903	-1.922	.538	34.818	28.053	30.463	32.841	37.511	2.98	.126	1451.8	706
721	-1.903	-1.922	.554	34.819	28.054	30.463	32.842	37.512	2.79	.127	1452.2	728



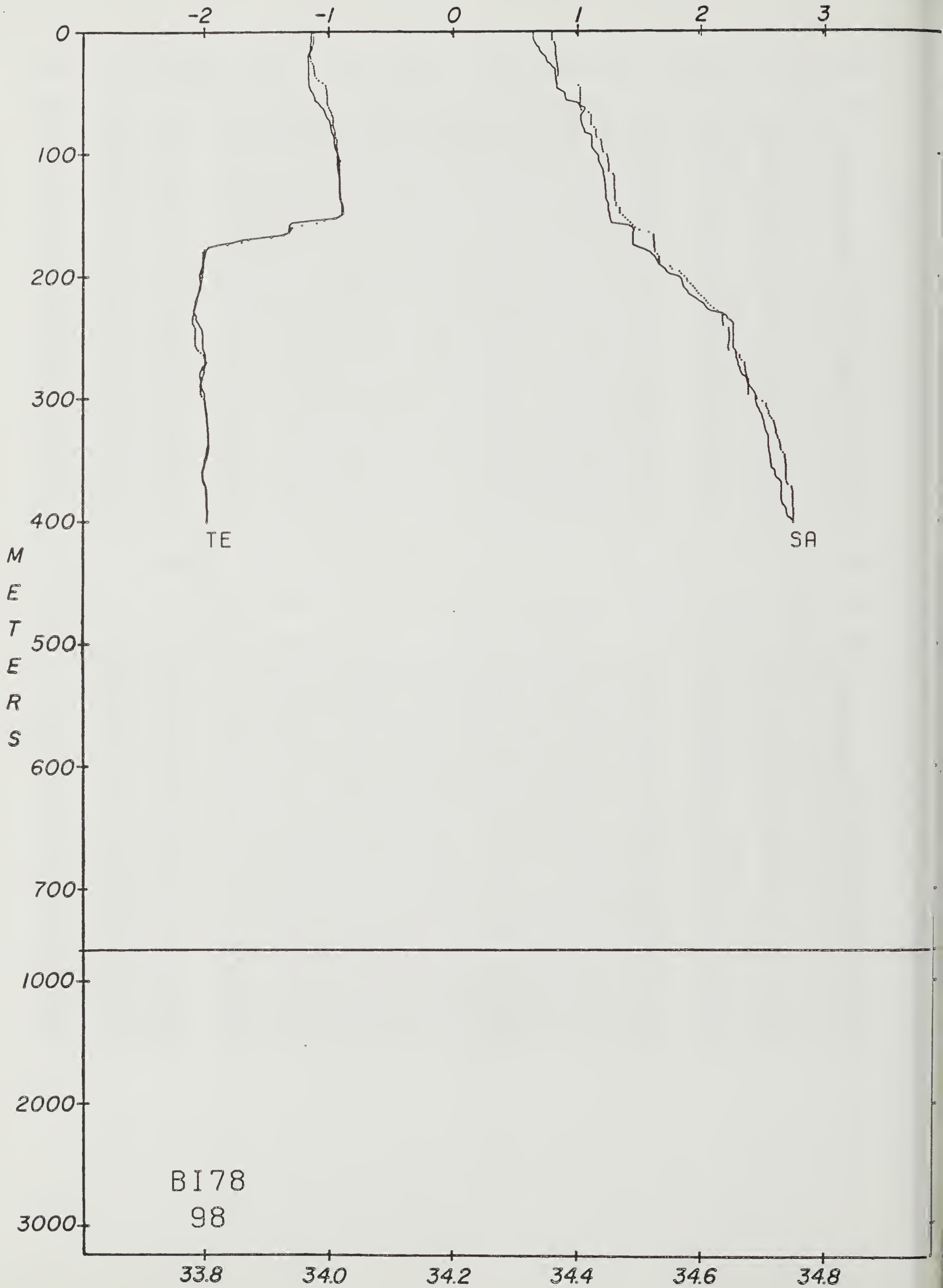
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 41.6S	177 11.6E	570	752	994.6	210	11	-8.0	0	625	0	312	23JAN78	BI	78	1	97	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.113	-1.113	.769	34.336	27.639	30.037	32.406	37.055	46.11	0.000	1443.2	0
10	-1.129	-1.129	.761	34.339	27.642	30.041	32.409	37.059	45.78	.005	1443.3	10
20	-1.149	-1.149	.748	34.342	27.645	30.044	32.413	37.063	45.46	.009	1443.4	20
30	-1.159	-1.160	.746	34.348	27.650	30.049	32.418	37.069	44.92	.014	1443.5	30
40	-1.166	-1.167	.747	34.352	27.654	30.053	32.422	37.072	44.54	.018	1443.7	40
50	-1.164	-1.166	.756	34.356	27.657	30.056	32.425	37.076	44.19	.023	1443.8	50
60	-1.133	-1.134	.796	34.363	27.662	30.060	32.429	37.078	43.72	.027	1444.2	60
70	-1.084	-1.085	.854	34.385	27.678	30.076	32.443	37.091	42.14	.031	1444.6	71
80	-1.023	-1.025	.923	34.406	27.693	30.089	32.456	37.102	40.75	.035	1445.1	81
90	-.965	-.967	.990	34.418	27.700	30.095	32.461	37.105	40.04	.039	1445.5	91
100	-.925	-.928	1.037	34.416	27.697	30.092	32.457	37.100	40.28	.043	1445.9	101
125	-.901	-.904	1.080	34.417	27.697	30.092	32.456	37.099	40.22	.054	1446.4	126
150	-1.017	-1.021	.985	34.443	27.722	30.119	32.485	37.131	37.68	.063	1446.3	151
175	-1.892	-1.895	.130	34.467	27.769	30.178	32.558	37.230	32.77	.072	1442.6	176
200	-1.924	-1.928	.121	34.530	27.820	30.230	32.610	37.283	27.74	.080	1443.0	202
225	-2.032	-2.036	.036	34.613	27.890	30.302	32.683	37.358	20.93	.086	1443.0	227
250	-2.052	-2.057	.037	34.635	27.908	30.320	32.701	37.377	19.05	.091	1443.4	252
275	-2.047	-2.053	.062	34.664	27.932	30.343	32.725	37.400	16.66	.095	1443.8	277
300	-1.992	-1.999	.138	34.695	27.956	30.366	32.747	37.420	14.31	.099	1444.6	302
325	-1.974	-1.982	.175	34.709	27.967	30.377	32.757	37.430	13.13	.102	1445.1	328
350	-1.939	-1.947	.231	34.726	27.980	30.389	32.769	37.440	11.81	.106	1445.7	353
375	-1.944	-1.953	.245	34.737	27.989	30.399	32.778	37.450	10.79	.108	1446.1	378
400	-1.938	-1.948	.270	34.744	27.994	30.404	32.783	37.454	10.15	.111	1446.5	403
425	-1.931	-1.941	.297	34.755	28.003	30.412	32.792	37.462	9.20	.113	1447.0	429
450	-1.922	-1.933	.325	34.756	28.004	30.413	32.792	37.463	9.00	.116	1447.5	454
475	-1.925	-1.936	.342	34.765	28.011	30.420	32.799	37.470	8.20	.118	1447.9	479
500	-1.922	-1.934	.364	34.770	28.015	30.424	32.803	37.474	7.69	.120	1448.3	504
550	-1.925	-1.939	.399	34.785	28.027	30.437	32.816	37.486	6.22	.123	1449.2	555
600	-1.917	-1.933	.446	34.795	28.035	30.444	32.823	37.493	5.21	.126	1450.0	605
650	-1.909	-1.926	.493	34.809	28.046	30.455	32.835	37.504	3.90	.128	1450.9	656
700	-1.899	-1.918	.542	34.819	28.054	30.463	32.842	37.511	2.92	.130	1451.8	706
750	-1.898	-1.919	.580	34.820	28.055	30.464	32.843	37.512	2.57	.132	1452.7	757
752	-1.898	-1.919	.582	34.820	28.055	30.464	32.843	37.512	2.56	.132	1452.7	759

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 41.4S	177 11.3E	570	752	994.4	210	8	-10.6	0	825	0	356	23JAN78	BI	78	2	97	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.11	-1.11	0.77	34.355	27.65	30.05				-0.52		C7	0	97

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.107	-1.107	.776	34.357	27.656	30.054	32.422	37.071	44.52	0.000	1443.3	0
10	-1.142	-1.143	.749	34.370	27.668	30.066	32.434	37.084	43.37	.004	1443.3	10
20	-1.150	-1.150	.749	34.372	27.670	30.068	32.437	37.087	43.14	.009	1443.4	20
30	-1.144	-1.145	.762	34.373	27.670	30.069	32.437	37.087	43.05	.013	1443.6	30
40	-1.144	-1.145	.770	34.373	27.670	30.069	32.437	37.087	43.01	.017	1443.8	40
50	-1.149	-1.150	.773	34.374	27.671	30.070	32.438	37.088	42.87	.022	1443.9	50
60	-1.144	-1.146	.785	34.374	27.671	30.070	32.438	37.088	42.85	.026	1444.1	60
70	-1.134	-1.136	.803	34.375	27.671	30.070	32.438	37.088	42.76	.030	1444.3	71
80	-1.093	-1.095	.852	34.375	27.670	30.068	32.436	37.084	42.84	.034	1444.7	81
90	-1.028	-1.031	.926	34.414	27.699	30.096	32.462	37.108	40.10	.039	1445.2	91
100	-.975	-.978	.987	34.422	27.703	30.099	32.465	37.110	39.66	.043	1445.6	101
125	-.883	-.886	1.100	34.441	27.716	30.110	32.475	37.116	38.45	.052	1446.5	126
150	-.886	-.890	1.115	34.443	27.717	30.112	32.476	37.118	38.21	.062	1446.9	151
175	-.965	-.970	1.059	34.499	27.766	30.161	32.527	37.170	33.50	.071	1447.0	176
200	-1.969	-1.973	.075	34.528	27.820	30.231	32.611	37.285	27.76	.079	1442.8	202
225	-2.032	-2.037	.035	34.597	27.877	30.289	32.670	37.345	22.16	.085	1443.0	227
250	-1.996	-2.002	.093	34.656	27.924	30.335	32.716	37.390	17.55	.090	1443.7	252
275	-2.028	-2.034	.081	34.669	27.936	30.347	32.728	37.403	16.33	.094	1443.9	277
300	-2.025	-2.031	.104	34.686	27.949	30.360	32.741	37.415	14.90	.098	1444.4	302
325	-1.967	-1.974	.184	34.721	27.977	30.387	32.767	37.439	12.22	.101	1445.1	328
350	-1.965	-1.973	.205	34.728	27.982	30.392	32.772	37.444	11.60	.104	1445.6	353
375	-1.935	-1.943	.255	34.742	27.993	30.402	32.781	37.452	10.46	.107	1446.1	378
400	-1.927	-1.936	.283	34.759	28.006	30.416	32.795	37.465	9.06	.109	1446.6	403
425	-1.924	-1.934	.305	34.770	28.015	30.424	32.803	37.474	8.11	.112	1447.1	429
450	-1.919	-1.930	.330	34.778	28.021	30.431	32.809	37.480	7.34	.114	1447.5	454
475	-1.919	-1.930	.349	34.782	28.025	30.434	32.813	37.483	6.90	.115	1447.9	479
500	-1.919	-1.931	.368	34.789	28.030	30.439	32.819	37.489	6.23	.117	1448.4	504
550	-1.913	-1.927	.413	34.804	28.042	30.451	32.830	37.500	4.83	.120	1449.2	555
600	-1.906	-1.922	.458	34.814	28.050	30.459	32.838	37.508	3.81	.122	1450.1	605
650	-1.903	-1.920	.500	34.817	28.053	30.462	32.840	37.510	3.33	.124	1451.0	656
700	-1.897	-1.916	.544	34.820	28.055	30.464	32.843	37.512	2.85	.125	1451.8	706
744	-1.897	-1.918	.577	34.824	28.058	30.467	32.846	37.515	2.31	.126	1452.6	751



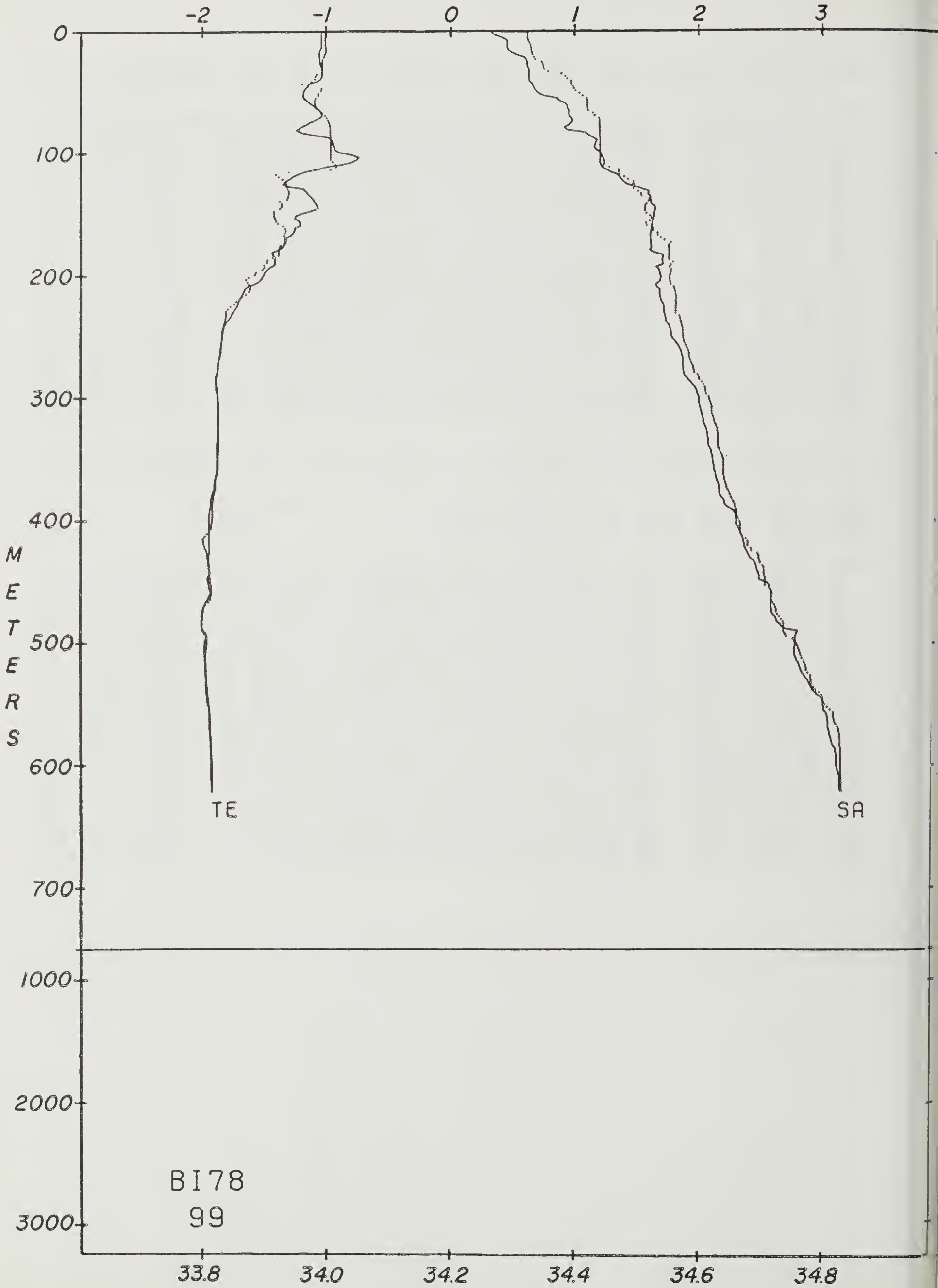
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 41.2S	177 11.2E	570	752	994.5	220	7	-8.3	0	0	0	435	23JAN78	BI	78	1	98

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.108	-1.108	.773	34.332	27.636	30.034	32.402	37.051	46.43	0.000	1443.2	0
10	-1.109	-1.109	.780	34.335	27.638	30.036	32.404	37.054	46.16	.005	1443.4	10
20	-1.150	-1.151	.747	34.348	27.650	30.049	32.418	37.068	45.00	.009	1443.4	20
30	-1.151	-1.152	.755	34.363	27.662	30.061	32.429	37.080	43.83	.014	1443.6	30
40	-1.150	-1.151	.764	34.368	27.667	30.065	32.434	37.084	43.35	.018	1443.8	40
50	-1.128	-1.129	.794	34.376	27.672	30.070	32.439	37.088	42.80	.022	1444.0	50
60	-1.071	-1.072	.860	34.402	27.691	30.089	32.456	37.103	40.93	.026	1444.5	60
70	-1.007	-1.009	.932	34.410	27.695	30.091	32.458	37.103	40.56	.031	1445.0	71
80	-.967	-.969	.980	34.413	27.696	30.092	32.457	37.102	40.44	.035	1445.3	81
90	-.941	-.943	1.014	34.427	27.707	30.102	32.467	37.110	39.42	.039	1445.6	91
100	-.916	-.919	1.047	34.433	27.710	30.105	32.470	37.112	39.02	.043	1445.9	101
125	-.894	-.898	1.089	34.449	27.722	30.117	32.481	37.123	37.83	.052	1446.5	126
150	-.867	-.871	1.136	34.455	27.726	30.120	32.485	37.125	37.36	.062	1447.0	151
175	-1.811	-1.815	.212	34.495	27.789	30.197	32.576	37.245	30.92	.070	1443.1	176
200	-2.020	-2.024	.026	34.555	27.843	30.254	32.636	37.311	25.54	.077	1442.6	202
225	-2.059	-2.064	.009	34.610	27.888	30.300	32.682	37.358	21.07	.083	1442.9	227
250	-1.996	-2.001	.094	34.656	27.924	30.335	32.716	37.389	17.58	.089	1443.7	252
275	-1.989	-1.995	.120	34.665	27.931	30.342	32.723	37.396	16.75	.092	1444.1	277
300	-1.979	-1.986	.151	34.692	27.953	30.363	32.744	37.416	14.58	.096	1444.6	302
325	-1.954	-1.962	.195	34.707	27.965	30.375	32.755	37.426	13.34	.099	1445.2	328
350	-1.973	-1.981	.196	34.716	27.973	30.383	32.763	37.436	12.44	.103	1445.5	353
375	-1.968	-1.977	.221	34.734	27.987	30.397	32.777	37.449	10.96	.106	1446.0	378
400	-1.958	-1.967	.251	34.749	27.999	30.409	32.789	37.460	9.70	.108	1446.5	403
401	-1.958	-1.967	.252	34.751	28.000	30.410	32.790	37.462	9.55	.108	1446.5	404

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 40.8S	177 10.8E	570	752	995.0	220	7	-7.2	0	0	0	525	23JAN78	BI	78	2	98

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
230	-2.08	-2.08	-0.01	34.611	27.89	30.30				-0.61			0	98
254	-2.04	-2.05	0.05	34.666	27.93	30.34				-0.52			0	98
279	-2.00	-2.01	0.11	34.665	27.93	30.34				-0.46			0	98

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.122	-1.122	.761	34.362	27.661	30.059	32.427	37.076	44.09	0.000	1443.2	0
10	-1.129	-1.129	.762	34.366	27.664	30.062	32.430	37.080	43.75	.004	1443.4	10
20	-1.136	-1.136	.763	34.368	27.666	30.064	32.433	37.082	43.49	.009	1443.5	20
30	-1.106	-1.107	.800	34.371	27.668	30.066	32.433	37.082	43.31	.013	1443.8	30
40	-1.082	-1.083	.832	34.369	27.665	30.062	32.430	37.078	43.53	.017	1444.1	40
50	-.999	-1.000	.925	34.408	27.693	30.089	32.456	37.101	40.80	.022	1444.7	50
60	-.993	-.994	.928	34.408	27.693	30.089	32.455	37.100	40.78	.026	1444.9	60
70	-.951	-.953	.988	34.426	27.706	30.102	32.467	37.111	39.52	.030	1445.3	71
80	-.940	-.942	1.008	34.430	27.709	30.104	32.469	37.112	39.23	.034	1445.5	81
90	-.914	-.917	1.042	34.442	27.717	30.112	32.477	37.119	38.40	.038	1445.8	91
100	-.909	-.912	1.054	34.446	27.721	30.116	32.480	37.122	38.04	.041	1446.0	101
125	-.888	-.892	1.096	34.464	27.734	30.129	32.493	37.134	36.68	.051	1446.5	126
150	-.872	-.876	1.131	34.474	27.742	30.136	32.500	37.141	35.89	.060	1447.0	151
175	-1.727	-1.731	.298	34.529	27.814	30.221	32.598	37.265	28.53	.069	1443.5	176
200	-1.997	-2.001	.050	34.573	27.857	30.268	32.649	37.323	24.25	.074	1442.7	202
225	-2.052	-2.056	.017	34.618	27.895	30.307	32.688	37.364	20.48	.080	1442.9	227
250	-2.052	-2.058	.037	34.650	27.921	30.332	32.714	37.389	17.88	.085	1443.4	252
275	-1.971	-1.977	.139	34.676	27.939	30.350	32.730	37.403	16.01	.089	1444.2	277
300	-1.998	-2.005	.132	34.689	27.951	30.362	32.742	37.416	14.74	.093	1444.5	302
325	-1.950	-1.957	.201	34.724	27.979	30.388	32.768	37.440	12.05	.096	1445.2	328
350	-1.956	-1.964	.214	34.740	27.992	30.401	32.781	37.453	10.67	.099	1445.6	353
375	-1.963	-1.971	.227	34.752	28.001	30.411	32.791	37.462	9.64	.102	1446.0	378
400	-1.954	-1.964	.255	34.754	28.003	30.413	32.792	37.464	9.33	.104	1446.5	403
403	-1.955	-1.964	.257	34.754	28.003	30.413	32.792	37.464	9.32	.104	1446.5	406



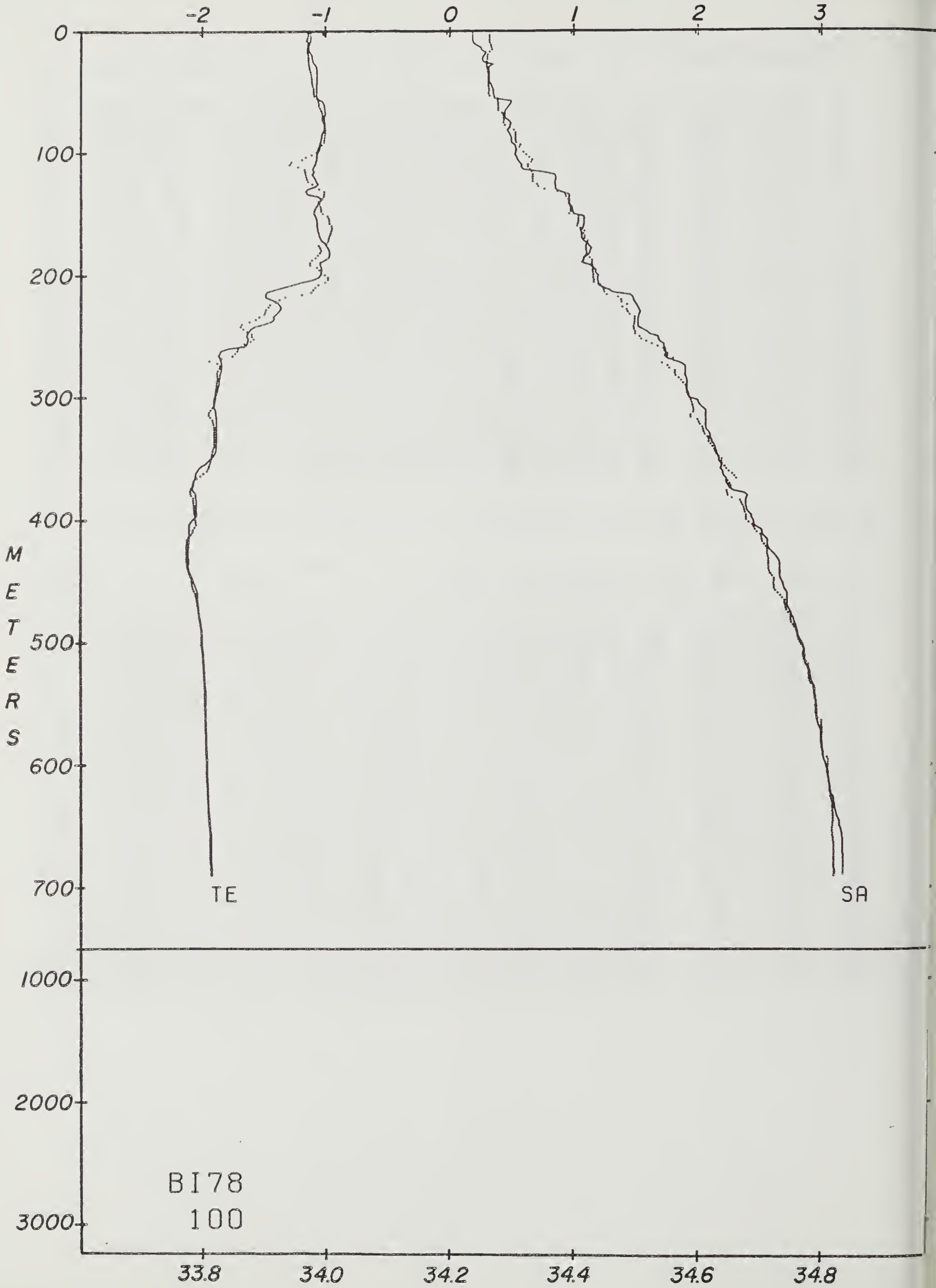
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 56.0S 178 20.8E 570 627 995.1 240 10 -8.3 0 450 0 800 23JAN78 BI 78 1 99

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.032	-1.032	.846	34.267	27.580	29.978	32.345	36.992	51.67	0.000	1443.5	0
10	-1.032	-1.032	.855	34.292	27.601	29.998	32.365	37.012	49.72	.005	1443.7	10
20	-1.051	-1.052	.844	34.307	27.614	30.011	32.378	37.026	48.44	.010	1443.8	20
30	-1.034	-1.034	.870	34.325	27.627	30.025	32.392	37.038	47.10	.013	1444.1	30
40	-1.042	-1.043	.869	34.327	27.629	30.026	32.394	37.041	46.87	.019	1444.2	40
50	-1.179	-1.180	.740	34.340	27.644	30.044	32.413	37.064	45.41	.024	1443.7	50
60	-1.126	-1.127	.804	34.384	27.678	30.076	32.444	37.094	42.16	.028	1444.2	60
70	-1.034	-1.036	.904	34.393	27.682	30.079	32.446	37.092	41.75	.033	1444.8	71
80	-1.208	-1.210	.737	34.386	27.683	30.082	32.452	37.104	41.63	.037	1444.2	81
90	-.951	-.954	1.004	34.436	27.714	30.109	32.475	37.118	38.70	.041	1445.6	91
100	-.876	-.879	1.087	34.443	27.717	30.111	32.475	37.117	38.38	.045	1446.1	101
125	-1.339	-1.342	.646	34.484	27.766	30.168	32.539	37.194	33.50	.054	1444.4	126
150	-1.190	-1.194	.816	34.530	27.799	30.198	32.567	37.216	30.35	.062	1445.6	151
175	-1.340	-1.344	.685	34.525	27.800	30.201	32.572	37.226	30.10	.069	1445.3	176
200	-1.500	-1.505	.545	34.540	27.817	30.221	32.594	37.254	28.27	.076	1445.0	202
225	-1.711	-1.716	.353	34.546	27.827	30.234	32.611	37.277	27.04	.083	1444.4	227
250	-1.834	-1.839	.250	34.558	27.841	30.249	32.628	37.297	25.54	.090	1444.3	252
275	-1.865	-1.871	.239	34.576	27.856	30.265	32.645	37.315	23.92	.096	1444.6	277
300	-1.868	-1.875	.257	34.602	27.877	30.286	32.665	37.335	21.80	.102	1445.0	302
325	-1.860	-1.868	.284	34.613	27.886	30.295	32.674	37.344	20.84	.107	1445.5	328
350	-1.863	-1.873	.299	34.624	27.895	30.304	32.683	37.353	19.84	.112	1445.9	353
375	-1.897	-1.906	.286	34.635	27.904	30.314	32.693	37.364	18.78	.117	1446.2	378
400	-1.940	-1.949	.264	34.662	27.928	30.338	32.717	37.389	16.40	.122	1446.4	403
425	-1.935	-1.945	.288	34.678	27.941	30.350	32.730	37.402	15.04	.125	1446.9	429
450	-1.953	-1.963	.292	34.702	27.961	30.371	32.751	37.423	12.97	.129	1447.2	454
475	-1.995	-2.007	.269	34.719	27.975	30.386	32.767	37.440	11.40	.132	1447.5	479
500	-1.956	-1.968	.329	34.757	28.005	30.415	32.795	37.467	8.49	.134	1448.1	504
550	-1.940	-1.953	.386	34.803	28.042	30.452	32.831	37.502	4.80	.138	1449.1	555
600	-1.911	-1.927	.454	34.825	28.059	30.468	32.847	37.517	2.96	.140	1450.1	605
622	-1.908	-1.924	.474	34.830	28.063	30.472	32.851	37.521	2.47	.140	1450.5	628

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 55.8S 178 20.3E 570 627 995.1 240 10 -9.4 0 1000 0 902 23JAN78 BI 78 2 99

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-1.00	-1.00	0.88	34.328	27.63	30.03				-0.54			0	99
612	-1.91	-1.93	0.46	34.839	28.07	30.48				-0.43			0	99

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.998	-.998	.883	34.325	27.626	30.022	32.389	37.035	47.34	0.000	1443.7	0
10	-1.002	-1.002	.887	34.328	27.629	30.025	32.392	37.038	47.06	.005	1443.9	10
20	-1.005	-1.005	.892	34.333	27.633	30.029	32.396	37.042	46.62	.009	1444.1	20
30	-1.025	-1.025	.880	34.351	27.648	30.045	32.411	37.058	45.17	.014	1444.2	30
40	-1.092	-1.093	.823	34.390	27.682	30.080	32.448	37.096	41.86	.018	1444.1	40
50	-1.034	-1.036	.889	34.403	27.691	30.087	32.454	37.101	41.02	.022	1444.5	50
60	-1.086	-1.087	.846	34.422	27.708	30.105	32.473	37.121	39.38	.027	1444.5	60
70	-1.002	-1.004	.938	34.435	27.715	30.111	32.477	37.122	38.67	.030	1445.0	71
80	-.960	-.962	.988	34.442	27.719	30.115	32.480	37.124	38.23	.034	1445.4	81
90	-.955	-.957	1.001	34.443	27.720	30.115	32.481	37.124	38.14	.038	1445.6	91
100	-.955	-.957	1.009	34.443	27.720	30.115	32.481	37.124	38.11	.042	1445.8	101
125	-1.316	-1.319	.669	34.497	27.776	30.177	32.548	37.202	32.56	.051	1444.6	126
150	-1.417	-1.421	.589	34.518	27.797	30.199	32.571	37.228	30.46	.059	1444.5	151
175	-1.344	-1.348	.683	34.556	27.825	30.226	32.597	37.251	27.75	.066	1445.3	176
200	-1.578	-1.583	.468	34.556	27.832	30.237	32.611	37.273	26.83	.073	1444.7	202
225	-1.751	-1.756	.314	34.566	27.845	30.252	32.630	37.297	25.33	.079	1444.3	227
250	-1.832	-1.838	.253	34.577	27.856	30.264	32.643	37.312	24.14	.085	1444.3	252
275	-1.866	-1.872	.239	34.592	27.869	30.278	32.657	37.328	22.69	.091	1444.6	277
300	-1.864	-1.871	.261	34.618	27.890	30.299	32.677	37.348	20.63	.097	1445.1	302
325	-1.864	-1.872	.281	34.631	27.900	30.309	32.688	37.358	19.48	.102	1445.5	328
350	-1.870	-1.878	.295	34.641	27.909	30.318	32.697	37.367	18.52	.106	1445.9	353
375	-1.886	-1.895	.298	34.648	27.915	30.324	32.703	37.374	17.79	.111	1446.2	378
400	-1.910	-1.920	.294	34.666	27.930	30.340	32.719	37.390	16.19	.115	1446.6	403
425	-1.966	-1.976	.258	34.687	27.948	30.359	32.739	37.411	14.28	.119	1446.7	429
450	-1.927	-1.937	.318	34.709	27.966	30.375	32.755	37.426	12.57	.122	1447.4	454
475	-1.987	-1.999	.277	34.727	27.982	30.392	32.773	37.445	10.92	.125	1447.5	479
500	-1.969	-1.982	.316	34.757	28.005	30.416	32.795	37.467	8.49	.128	1448.1	504
550	-1.947	-1.961	.378	34.804	28.043	30.453	32.832	37.503	4.70	.131	1449.1	555
600	-1.913	-1.928	.453	34.832	28.065	30.474	32.853	37.523	2.42	.133	1450.1	605
623	-1.907	-1.923	.476	34.833	28.066	30.475	32.853	37.523	2.25	.133	1450.5	629



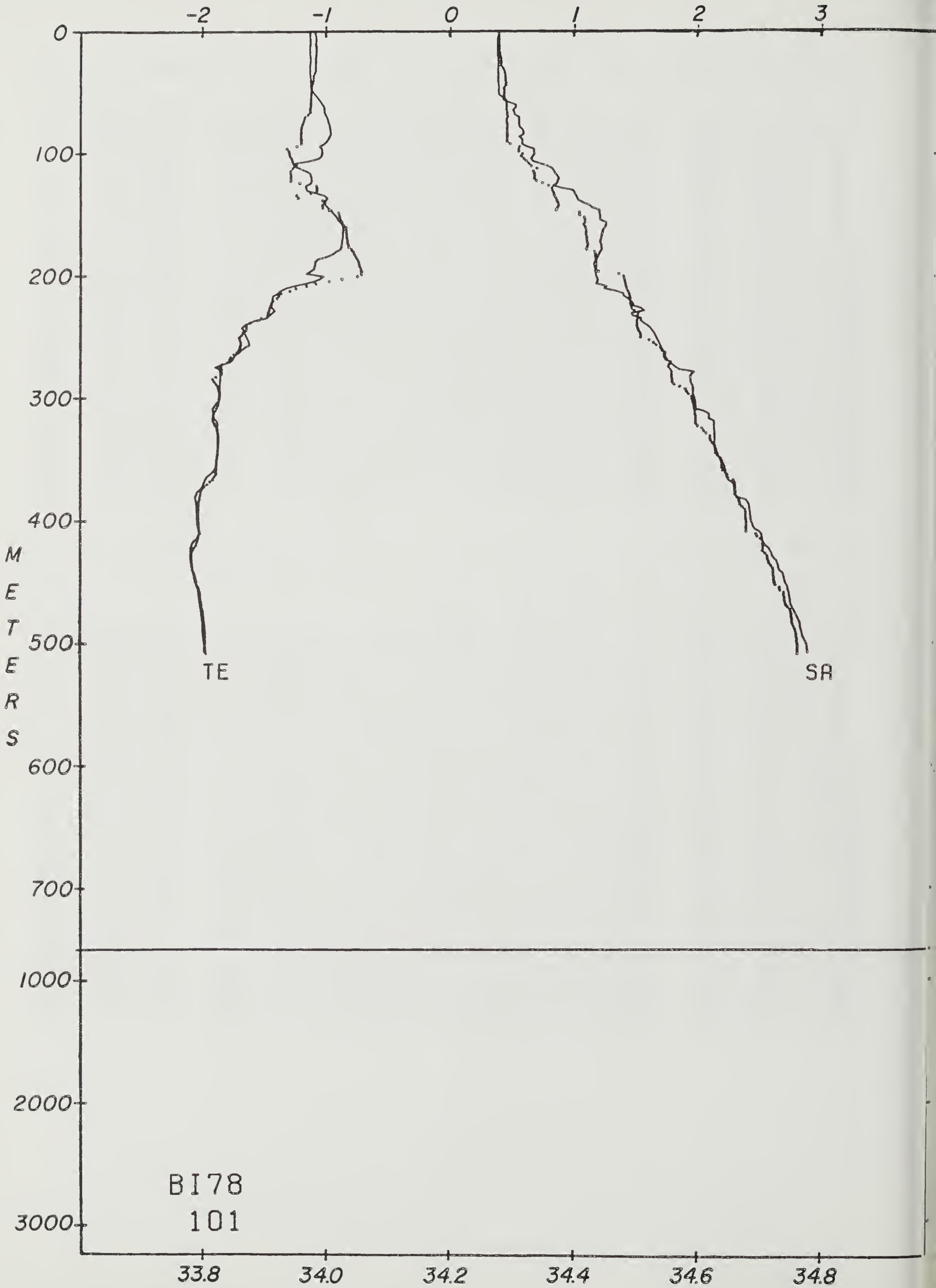
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	2.7S	179	52.3E	570	699	994.8	210	13	-12.1	0	1250	0	1316	23JAN78	BI	78 1 100

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.107	-1.107	.769	34.241	27.562	29.961	32.329	36.979	53.41	0.000	1443.1	0
10	-1.106	-1.106	.778	34.243	27.564	29.962	32.331	36.980	53.22	.005	1443.3	10
20	-1.091	-1.091	.801	34.260	27.577	29.975	32.343	36.992	51.93	.011	1443.6	20
30	-1.054	-1.055	.846	34.269	27.583	29.980	32.348	36.996	51.31	.016	1443.9	30
40	-1.049	-1.050	.859	34.267	27.581	29.979	32.346	36.994	51.45	.021	1444.1	40
50	-1.054	-1.055	.862	34.274	27.587	29.984	32.352	37.000	50.85	.026	1444.2	50
60	-.992	-.993	.933	34.302	27.607	30.004	32.370	37.016	48.90	.031	1444.7	60
70	-.985	-.987	.947	34.292	27.599	29.995	32.362	37.008	49.64	.036	1444.9	71
80	-.987	-.989	.953	34.300	27.606	30.002	32.368	37.014	48.99	.041	1445.1	81
90	-1.017	-1.020	.931	34.303	27.609	30.006	32.373	37.019	48.61	.046	1445.1	91
100	-1.042	-1.045	.914	34.310	27.616	30.013	32.380	37.028	47.95	.051	1445.2	101
125	-1.048	-1.052	.930	34.374	27.668	30.063	32.432	37.079	42.93	.062	1445.6	126
150	-1.073	-1.077	.926	34.406	27.694	30.092	32.459	37.107	40.29	.072	1446.0	151
175	-.978	-.983	1.041	34.428	27.709	30.104	32.470	37.115	38.91	.082	1446.9	176
200	-1.023	-1.028	1.017	34.442	27.721	30.118	32.484	37.130	37.59	.092	1447.1	202
225	-1.346	-1.352	.716	34.507	27.785	30.186	32.558	37.213	31.24	.100	1446.1	227
250	-1.618	-1.624	.465	34.540	27.820	30.226	32.601	37.264	27.65	.108	1445.3	252
275	-1.822	-1.829	.282	34.584	27.862	30.270	32.648	37.317	23.47	.114	1444.8	277
300	-1.881	-1.888	.243	34.592	27.870	30.279	32.658	37.329	22.51	.120	1444.9	302
325	-1.864	-1.871	.281	34.617	27.890	30.298	32.677	37.347	20.49	.125	1445.5	328
350	-1.915	-1.923	.250	34.638	27.908	30.317	32.697	37.368	18.61	.130	1445.7	353
375	-2.062	-2.071	.122	34.659	27.928	30.340	32.722	37.397	16.38	.135	1445.4	378
400	-2.062	-2.071	.144	34.693	27.956	30.367	32.749	37.424	13.63	.138	1445.9	403
425	-2.098	-2.107	.128	34.721	27.979	30.391	32.773	37.450	11.21	.141	1446.2	429
450	-2.055	-2.066	.191	34.739	27.993	30.405	32.786	37.460	9.93	.144	1446.8	454
475	-2.010	-2.022	.256	34.753	28.003	30.414	32.794	37.468	8.77	.146	1447.5	479
500	-1.983	-1.995	.303	34.772	28.018	30.428	32.808	37.480	7.31	.148	1448.0	504
550	-1.954	-1.967	.372	34.795	28.036	30.446	32.825	37.497	5.34	.152	1449.0	555
600	-1.940	-1.956	.424	34.811	28.049	30.458	32.837	37.508	3.91	.154	1450.0	605
650	-1.924	-1.941	.480	34.833	28.066	30.476	32.855	37.525	2.01	.155	1450.9	656
690	-1.904	-1.922	.531	34.839	28.071	30.480	32.858	37.528	1.44	.156	1451.7	696

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	2.4S	179	53.4E	570	699	994.8	230	8	-11.7	0	0	1436	23JAN78	BI	78 2 100	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.09	-1.09	0.79	34.268	27.58	29.98						C1	0	100
685	-1.91	-1.93	0.52	34.840	28.07	30.48							0	100

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.123	-1.123	.754	34.269	27.585	29.984	32.353	37.003	51.21	0.000	1443.1	0
10	-1.122	-1.122	.763	34.269	27.585	29.984	32.352	37.002	51.19	.005	1443.3	10
20	-1.121	-1.121	.772	34.265	27.582	29.980	32.349	36.999	51.46	.010	1443.4	20
30	-1.111	-1.112	.789	34.264	27.581	29.979	32.347	36.997	51.53	.015	1443.6	30
40	-1.091	-1.092	.817	34.266	27.581	29.979	32.348	36.997	51.41	.021	1443.9	40
50	-1.074	-1.076	.841	34.266	27.581	29.979	32.347	36.996	51.37	.026	1444.1	50
60	-1.033	-1.034	.891	34.282	27.593	29.990	32.357	37.004	50.28	.031	1444.5	60
70	-1.003	-1.005	.929	34.290	27.598	29.995	32.361	37.008	49.76	.036	1444.8	71
80	-.982	-.984	.958	34.301	27.606	30.002	32.369	37.014	48.95	.041	1445.1	81
90	-.987	-.990	.961	34.310	27.614	30.010	32.377	37.023	48.17	.046	1445.3	91
100	-1.055	-1.058	.901	34.320	27.624	30.021	32.389	37.036	47.15	.050	1445.1	101
125	-1.103	-1.106	.874	34.341	27.643	30.041	32.409	37.058	45.24	.062	1445.3	126
150	-.995	-1.000	1.003	34.399	27.686	30.082	32.448	37.093	41.16	.073	1446.3	151
175	-1.003	-1.008	1.016	34.424	27.707	30.103	32.469	37.115	39.07	.083	1446.8	176
200	-.984	-.989	1.055	34.436	27.715	30.111	32.477	37.122	38.17	.092	1447.3	202
225	-1.435	-1.440	.626	34.486	27.772	30.174	32.547	37.205	32.49	.101	1445.6	227
250	-1.574	-1.580	.508	34.510	27.795	30.200	32.575	37.236	30.05	.109	1445.4	252
275	-1.835	-1.842	.268	34.558	27.841	30.250	32.628	37.298	25.38	.116	1444.7	277
300	-1.872	-1.879	.252	34.591	27.868	30.278	32.657	37.327	22.62	.122	1445.0	302
325	-1.879	-1.887	.265	34.612	27.886	30.295	32.674	37.345	20.83	.127	1445.4	328
350	-1.906	-1.914	.258	34.642	27.910	30.320	32.699	37.370	18.37	.132	1445.7	353
375	-2.078	-2.086	.107	34.654	27.924	30.337	32.718	37.395	16.71	.137	1445.3	378
400	-2.035	-2.044	.170	34.683	27.947	30.358	32.739	37.414	14.49	.141	1446.0	403
425	-2.114	-2.123	.112	34.716	27.976	30.388	32.770	37.447	11.54	.144	1446.1	429
450	-2.068	-2.078	.178	34.727	27.983	30.395	32.777	37.452	10.71	.147	1446.7	454
475	-2.009	-2.020	.257	34.749	28.000	30.411	32.791	37.465	9.09	.149	1447.5	479
500	-1.985	-1.997	.301	34.769	28.015	30.426	32.806	37.478	7.53	.151	1448.0	504
550	-1.958	-1.971	.368	34.794	28.036	30.445	32.825	37.496	5.39	.154	1449.0	555
600	-1.942	-1.958	.422	34.815	28.052	30.462	32.841	37.512	3.60	.157	1450.0	605
650	-1.915	-1.932	.488	34.822	28.057	30.466	32.845	37.515	2.90	.158	1450.9	656
691	-1.904	-1.922	.530	34.824	28.058	30.468	32.846	37.516	2.57	.159	1451.7	697



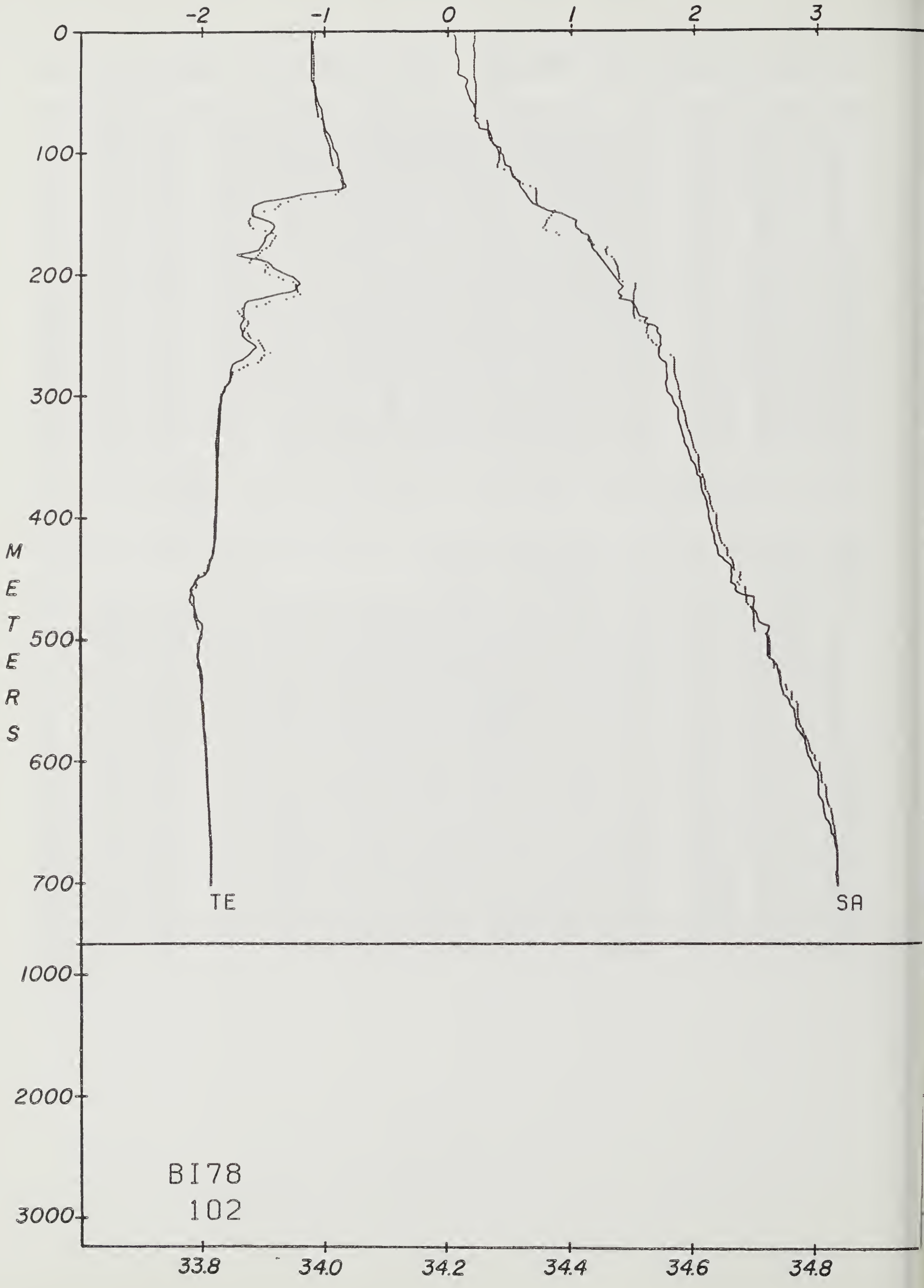
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	2.3S	179	52.9E	570	699	994.8	230	7	-11.7	0	2425	0	1441	23JAN78	BI	78 1 101

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SGUNDV	PRES
0	-1.123	-1.123	.755	34.280	27.594	29.993	32.361	37.011	50.37	0.000	1443.1	0
10	-1.122	-1.122	.764	34.278	27.593	29.991	32.360	37.009	50.48	.005	1443.3	10
20	-1.123	-1.124	.770	34.278	27.593	29.991	32.360	37.010	50.43	.010	1443.4	20
30	-1.125	-1.126	.776	34.279	27.593	29.992	32.361	37.011	50.31	.015	1443.6	30
40	-1.119	-1.120	.789	34.279	27.593	29.992	32.361	37.010	50.29	.020	1443.8	40
50	-1.091	-1.093	.825	34.280	27.593	29.991	32.359	37.009	50.25	.025	1444.1	50
60	-1.021	-1.022	.905	34.308	27.613	30.010	32.377	37.024	48.33	.030	1444.6	60
70	-.988	-.990	.945	34.311	27.615	30.011	32.378	37.024	48.15	.035	1444.9	71
80	-.960	-.962	.981	34.318	27.619	30.013	32.381	37.026	47.71	.040	1445.2	81
90	-.992	-.994	.957	34.318	27.620	30.017	32.383	37.029	47.56	.044	1445.3	91
100	-1.027	-1.030	.930	34.337	27.637	30.034	32.401	37.048	45.94	.049	1445.3	101
125	-1.131	-1.135	.847	34.371	27.668	30.066	32.435	37.085	42.86	.060	1445.3	126
150	-.920	-.925	1.081	34.443	27.719	30.113	32.478	37.121	38.08	.070	1446.8	151
175	-.867	-.872	1.154	34.445	27.718	30.112	32.476	37.118	38.04	.080	1447.4	176
200	-1.057	-1.063	.982	34.437	27.719	30.117	32.483	37.130	37.76	.089	1446.9	202
225	-1.430	-1.436	.632	34.503	27.785	30.187	32.560	37.217	31.26	.098	1445.7	227
250	-1.630	-1.637	.452	34.535	27.817	30.222	32.598	37.261	27.97	.105	1445.2	252
275	-1.869	-1.875	.235	34.571	27.852	30.261	32.640	37.311	24.33	.112	1444.6	277
300	-1.850	-1.857	.274	34.597	27.873	30.282	32.660	37.330	22.23	.118	1445.1	302
325	-1.865	-1.872	.280	34.628	27.899	30.307	32.686	37.356	19.66	.123	1445.5	328
350	-1.875	-1.883	.290	34.639	27.908	30.317	32.696	37.366	18.65	.128	1445.9	353
375	-2.024	-2.032	.161	34.661	27.929	30.340	32.722	37.396	16.31	.132	1445.6	378
400	-2.033	-2.042	.173	34.689	27.952	30.363	32.745	37.419	13.99	.136	1446.0	403
425	-2.090	-2.099	.137	34.721	27.979	30.391	32.773	37.449	11.24	.139	1446.2	429
450	-2.046	-2.057	.200	34.744	27.997	30.408	32.789	37.464	9.49	.142	1446.9	454
475	-1.999	-2.011	.267	34.760	28.009	30.419	32.799	37.473	8.28	.144	1447.5	479
500	-1.975	-1.988	.311	34.778	28.022	30.432	32.812	37.485	6.89	.146	1448.1	504
507	-1.973	-1.985	.319	34.780	28.024	30.434	32.814	37.486	6.67	.146	1448.2	511

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	2.3S	179	52.9E	570	703	994.5	240	7	-10.8	0	0	1528	23JAN78	BI	78 2 101	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
364	-1.94	-1.95	0.24	34.648	27.92	30.33				-0.44	0.49	C1	0	101
391	-2.03	-2.04	0.17	34.681	27.95	30.36				-0.54			0	101
415	-2.08	-2.09	0.14	34.708	27.97	30.38				-0.57		C1	0	101

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.080	-1.080	.799	34.281	27.594	29.991	32.359	37.008	50.44	0.000	1443.3	0
10	-1.076	-1.076	.810	34.281	27.593	29.991	32.359	37.008	50.41	.005	1443.5	10
20	-1.074	-1.075	.919	34.283	27.595	29.993	32.361	37.009	50.21	.010	1443.7	20
30	-1.078	-1.079	.823	34.287	27.599	29.996	32.364	37.013	49.82	.015	1443.8	30
40	-1.096	-1.097	.813	34.291	27.602	30.000	32.368	37.018	49.44	.020	1443.9	40
50	-1.115	-1.116	.802	34.289	27.601	29.999	32.368	37.018	49.49	.025	1444.0	50
60	-1.119	-1.120	.806	34.293	27.605	30.003	32.372	37.021	49.13	.030	1444.1	60
70	-1.164	-1.166	.768	34.294	27.607	30.006	32.376	37.027	48.84	.035	1444.1	71
80	-1.194	-1.196	.746	34.294	27.608	30.007	32.377	37.030	48.71	.040	1444.1	81
90	-1.197	-1.199	.751	34.294	27.608	30.008	32.378	37.030	48.63	.045	1444.3	91
100	-1.290	-1.292	.667	34.319	27.632	30.033	32.404	37.059	46.35	.049	1444.0	101
125	-1.145	-1.148	.833	34.356	27.657	30.055	32.424	37.074	43.94	.061	1445.2	126
150	-.883	-.887	1.117	34.412	27.692	30.087	32.451	37.093	40.57	.071	1446.9	151
175	-.805	-.811	1.214	34.423	27.698	30.091	32.455	37.094	39.97	.081	1447.7	176
200	-.760	-.766	1.281	34.481	27.743	30.135	32.498	37.135	35.70	.091	1448.4	202
225	-1.447	-1.452	.615	34.494	27.778	30.181	32.554	37.212	31.85	.099	1445.6	227
250	-1.690	-1.696	.391	34.513	27.800	30.207	32.583	37.249	29.48	.107	1444.9	252
275	-1.837	-1.843	.266	34.557	27.840	30.249	32.627	37.297	25.49	.114	1444.7	277
300	-1.856	-1.863	.268	34.593	27.870	30.279	32.657	37.327	22.52	.120	1445.1	302
325	-1.870	-1.878	.274	34.610	27.884	30.293	32.672	37.342	21.02	.125	1445.4	328
350	-1.875	-1.883	.290	34.641	27.909	30.318	32.697	37.367	18.51	.130	1445.9	353
375	-2.004	-2.012	.181	34.663	27.930	30.341	32.722	37.395	16.26	.134	1445.7	378
400	-2.025	-2.034	.180	34.681	27.945	30.356	32.737	37.412	14.66	.138	1446.0	403
425	-2.077	-2.087	.148	34.710	27.969	30.381	32.763	37.439	12.16	.142	1446.3	429
450	-2.042	-2.053	.203	34.727	27.983	30.395	32.776	37.450	10.77	.144	1446.9	454
475	-1.987	-1.998	.279	34.754	28.003	30.414	32.794	37.466	8.81	.147	1447.6	479
500	-1.967	-1.979	.318	34.764	28.011	30.421	32.801	37.472	7.97	.149	1448.1	504
508	-1.963	-1.976	.329	34.764	28.011	30.421	32.801	37.472	7.91	.150	1448.3	512



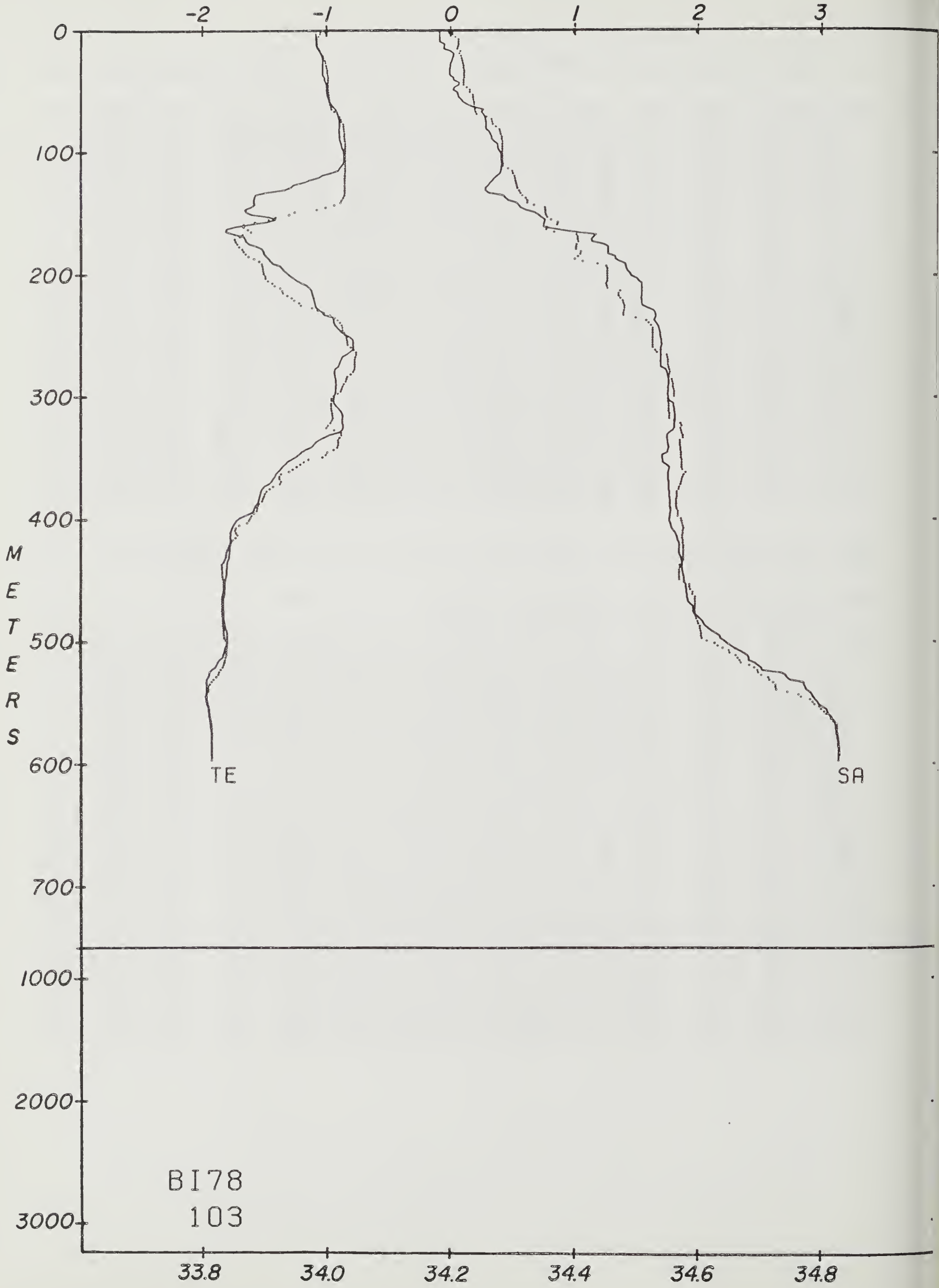
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	9.05	178	32.4W	569	703	994.0	230	2	-13.1	0	1175	0	1946	23JAN78	BI	78 1 102

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.090	-1.090	.764	34.212	27.538	29.936	32.305	36.954	55.69	0.000	1443.2	0
10	-1.095	-1.095	.787	34.216	27.541	29.940	32.308	36.958	55.32	.006	1443.3	10
20	-1.095	-1.096	.795	34.217	27.542	29.941	32.309	36.959	55.22	.011	1443.5	20
30	-1.095	-1.096	.802	34.221	27.546	29.944	32.312	36.962	54.85	.017	1443.6	30
40	-1.095	-1.096	.811	34.229	27.552	29.951	32.319	36.968	54.17	.022	1443.8	40
50	-1.058	-1.059	.855	34.234	27.554	29.952	32.320	36.969	53.92	.027	1444.2	50
60	-1.037	-1.039	.884	34.243	27.561	29.958	32.326	36.973	53.28	.033	1444.4	60
70	-1.006	-1.008	.924	34.248	27.564	29.961	32.328	36.975	52.94	.038	1444.8	71
80	-.990	-.993	.947	34.254	27.569	29.965	32.332	36.978	52.49	.043	1445.0	81
90	-.937	-.940	1.009	34.275	27.583	29.979	32.345	36.989	51.08	.049	1445.4	91
100	-.901	-.904	1.053	34.289	27.593	29.989	32.354	36.997	50.08	.054	1445.8	101
125	-.832	-.836	1.143	34.318	27.614	30.008	32.372	37.013	48.07	.066	1446.6	126
150	-1.573	-1.576	.425	34.367	27.679	30.084	32.460	37.123	41.51	.077	1443.6	151
175	-1.476	-1.480	.544	34.432	27.729	30.132	32.506	37.165	36.76	.087	1444.6	176
200	-1.333	-1.339	.707	34.468	27.753	30.154	32.526	37.180	34.40	.096	1445.7	202
225	-1.622	-1.628	.440	34.503	27.790	30.196	32.571	37.235	30.61	.104	1444.8	227
250	-1.649	-1.655	.434	34.545	27.825	30.231	32.607	37.271	27.15	.111	1445.1	252
275	-1.717	-1.723	.386	34.559	27.838	30.245	32.622	37.287	25.75	.118	1445.3	277
300	-1.811	-1.818	.312	34.563	27.845	30.253	32.631	37.300	24.93	.124	1445.2	302
325	-1.836	-1.843	.306	34.581	27.859	30.268	32.647	37.316	23.36	.130	1445.6	328
350	-1.848	-1.857	.314	34.598	27.873	30.282	32.661	37.330	21.91	.136	1445.9	353
375	-1.853	-1.862	.329	34.616	27.888	30.297	32.676	37.345	20.34	.141	1446.3	378
400	-1.862	-1.872	.340	34.628	27.898	30.307	32.686	37.356	19.23	.146	1446.7	403
425	-1.882	-1.892	.340	34.642	27.910	30.319	32.698	37.368	18.00	.151	1447.1	429
450	-1.994	-2.005	.248	34.665	27.932	30.343	32.723	37.397	15.65	.155	1447.0	454
475	-2.046	-2.057	.217	34.701	27.962	30.374	32.755	37.430	12.58	.158	1447.2	479
500	-2.000	-2.012	.283	34.724	27.979	30.390	32.770	37.444	10.89	.161	1447.9	504
550	-1.983	-1.997	.340	34.759	28.008	30.418	32.798	37.471	7.95	.166	1448.9	555
600	-1.939	-1.954	.425	34.796	28.036	30.446	32.825	37.496	5.06	.169	1449.9	605
650	-1.916	-1.933	.487	34.824	28.059	30.468	32.847	37.517	2.75	.171	1450.9	656
700	-1.901	-1.920	.541	34.840	28.071	30.480	32.859	37.528	1.32	.172	1451.9	706
701	-1.901	-1.920	.542	34.840	28.071	30.480	32.859	37.528	1.31	.172	1451.9	707

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	9.05	178	32.4W	569	705	993.6	130	3	-12.2	0	0	2054	23JAN78	BI	78 2 102	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.94	-0.94	0.94	34.257	27.57	29.96						D6	0	102
692	-1.91	-1.93	0.53	34.841	28.07	30.48							0	102

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.070	-1.070	.806	34.243	27.562	29.960	32.328	36.977	53.38	0.000	1443.3	0
10	-1.077	-1.077	.807	34.247	27.566	29.964	32.332	36.981	53.02	.005	1443.4	10
20	-1.074	-1.075	.817	34.247	27.566	29.964	32.332	36.981	52.98	.011	1443.6	20
30	-1.073	-1.074	.826	34.246	27.565	29.963	32.331	36.980	53.01	.016	1443.8	30
40	-1.073	-1.074	.833	34.246	27.565	29.963	32.331	36.980	52.96	.021	1443.9	40
50	-1.066	-1.067	.848	34.249	27.567	29.965	32.333	36.982	52.73	.027	1444.1	50
60	-1.057	-1.059	.865	34.249	27.567	29.964	32.332	36.981	52.71	.032	1444.4	60
70	-1.040	-1.042	.890	34.248	27.565	29.962	32.330	36.978	52.84	.037	1444.6	71
80	-.988	-.991	.950	34.269	27.581	29.977	32.344	36.990	51.35	.042	1445.0	81
90	-.968	-.970	.978	34.271	27.582	29.978	32.344	36.990	51.21	.047	1445.3	91
100	-.941	-.943	1.014	34.285	27.591	29.967	32.353	36.998	50.26	.052	1445.6	101
125	-.844	-.848	1.131	34.316	27.613	30.007	32.372	37.013	48.16	.065	1446.5	126
150	-1.481	-1.485	.516	34.375	27.682	30.086	32.460	37.120	41.24	.076	1444.0	151
175	-1.414	-1.418	.606	34.436	27.730	30.133	32.505	37.163	36.66	.086	1444.8	176
200	-1.462	-1.467	.580	34.480	27.767	30.170	32.543	37.202	33.00	.094	1445.1	202
225	-1.449	-1.455	.613	34.505	27.787	30.190	32.563	37.221	31.02	.102	1445.6	227
250	-1.612	-1.618	.470	34.526	27.809	30.214	32.589	37.252	28.72	.110	1445.3	252
275	-1.560	-1.567	.544	34.572	27.845	30.249	32.623	37.284	25.27	.117	1446.0	277
300	-1.820	-1.827	.303	34.581	27.859	30.267	32.646	37.314	23.56	.123	1445.2	302
325	-1.850	-1.858	.293	34.592	27.869	30.278	32.657	37.326	22.44	.128	1445.5	328
350	-1.861	-1.869	.302	34.611	27.884	30.293	32.672	37.342	20.88	.134	1445.9	353
375	-1.861	-1.870	.321	34.622	27.894	30.303	32.681	37.351	19.84	.139	1446.3	378
400	-1.869	-1.879	.333	34.641	27.909	30.318	32.697	37.367	18.24	.144	1446.7	403
425	-1.883	-1.893	.339	34.656	27.922	30.331	32.710	37.380	16.89	.148	1447.1	429
450	-2.025	-2.035	.218	34.679	27.943	30.355	32.736	37.410	14.51	.152	1446.9	454
475	-2.045	-2.056	.218	34.698	27.959	30.371	32.753	37.427	12.83	.155	1447.2	479
500	-1.989	-2.001	.295	34.727	27.982	30.392	32.773	37.445	10.68	.158	1447.9	504
550	-1.963	-1.997	.340	34.766	28.013	30.423	32.803	37.476	7.47	.163	1448.9	555
600	-1.942	-1.957	.422	34.804	28.043	30.452	32.832	37.503	4.45	.166	1449.9	605
650	-1.913	-1.930	.490	34.832	28.065	30.474	32.853	37.523	2.17	.169	1451.0	656
700	-1.901	-1.920	.541	34.839	28.071	30.480	32.858	37.528	1.39	.168	1451.9	706
703	-1.901	-1.920	.543	34.840	28.071	30.480	32.859	37.528	1.30	.168	1451.9	709



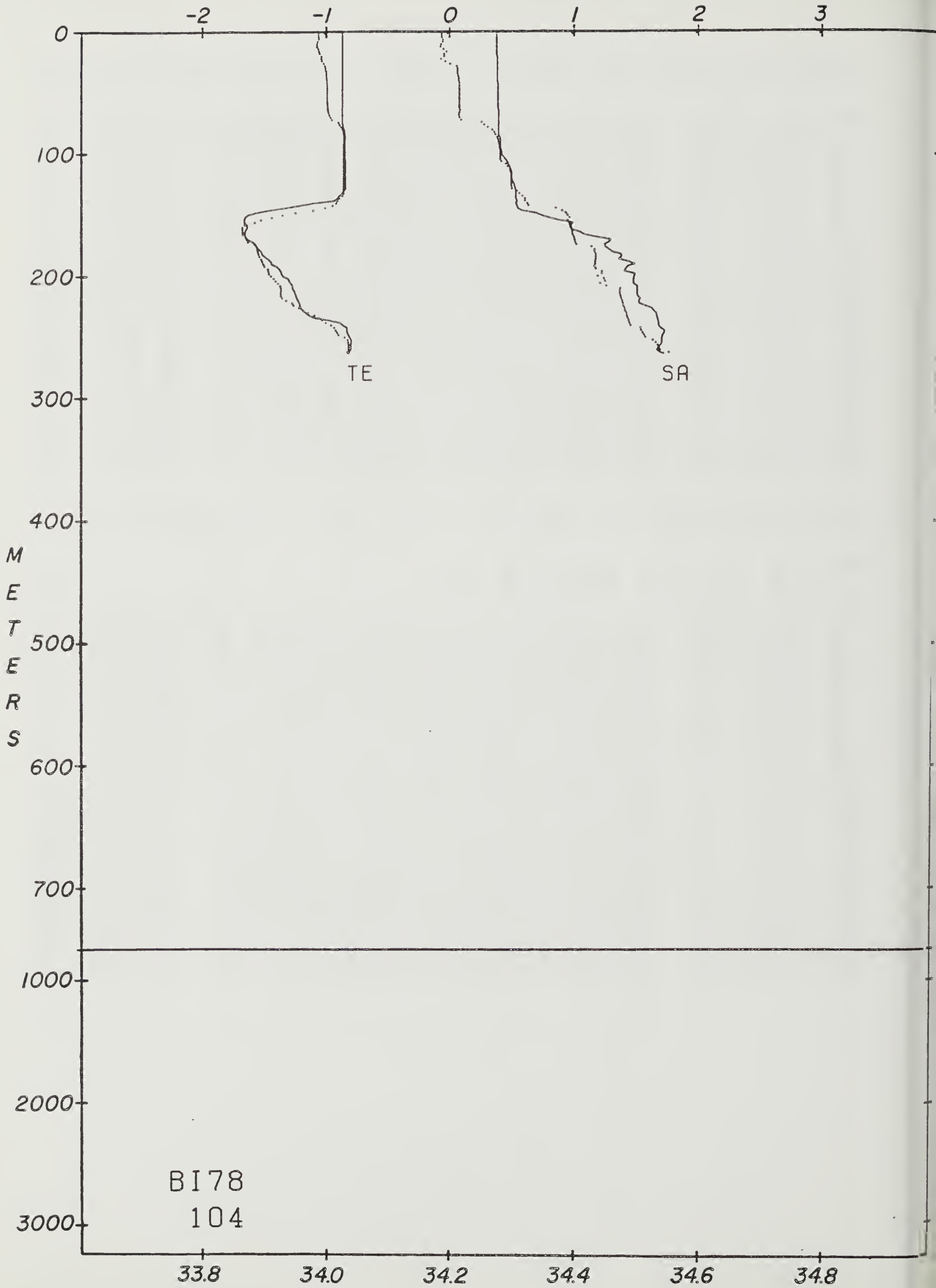
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 13.0S	176 46.0W	569	605	993.0	220	9	-10.8	0	0	0	2337	23JAN78	BI	78	1	103

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.077	-1.077	.796	34.183	27.516	29.914	32.282	36.932	57.80	0.000	1443.2	0
10	-1.075	-1.076	.805	34.186	27.517	29.915	32.283	36.933	57.65	.006	1443.4	10
20	-1.039	-1.039	.850	34.207	27.532	29.930	32.297	36.946	56.16	.011	1443.7	20
30	-1.023	-1.024	.873	34.202	27.527	29.925	32.292	36.940	56.58	.017	1444.0	30
40	-1.009	-1.010	.895	34.205	27.529	29.926	32.294	36.941	56.36	.023	1444.2	40
50	-.991	-.992	.921	34.208	27.532	29.928	32.295	36.942	56.10	.028	1444.4	50
60	-.965	-.966	.956	34.223	27.542	29.939	32.305	36.951	55.04	.034	1444.7	60
70	-.901	-.903	1.029	34.255	27.566	29.961	32.326	36.970	52.82	.039	1445.3	71
80	-.886	-.888	1.052	34.259	27.569	29.964	32.329	36.972	52.50	.045	1445.5	81
90	-.884	-.887	1.062	34.269	27.576	29.971	32.336	36.979	51.74	.050	1445.7	91
100	-.854	-.857	1.100	34.281	27.585	29.980	32.344	36.986	50.87	.055	1446.0	101
125	-1.156	-1.159	.817	34.267	27.585	29.984	32.353	37.005	50.71	.068	1445.0	126
150	-1.631	-1.635	.364	34.337	27.657	30.063	32.439	37.104	43.62	.079	1443.3	151
175	-1.620	-1.624	.400	34.439	27.738	30.144	32.520	37.184	35.78	.089	1443.9	176
200	-1.306	-1.311	.737	34.492	27.772	30.173	32.543	37.197	32.63	.098	1445.8	202
225	-1.080	-1.087	.982	34.511	27.780	30.177	32.544	37.191	31.94	.106	1447.3	227
250	-.837	-.845	1.246	34.541	27.795	30.188	32.551	37.191	30.61	.114	1448.9	252
275	-.892	-.901	1.210	34.542	27.798	30.192	32.556	37.197	30.22	.121	1449.1	277
300	-.927	-.936	1.195	34.554	27.808	30.203	32.568	37.210	29.11	.129	1449.4	302
325	-.855	-.866	1.286	34.564	27.814	30.207	32.571	37.211	28.60	.136	1450.1	328
350	-1.238	-1.248	.921	34.544	27.812	30.211	32.581	37.232	28.30	.143	1448.7	353
375	-1.499	-1.509	.679	34.555	27.829	30.233	32.606	37.265	26.30	.150	1447.9	378
400	-1.685	-1.695	.513	34.556	27.835	30.242	32.618	37.283	25.38	.156	1447.5	403
425	-1.765	-1.776	.453	34.572	27.850	30.258	32.636	37.303	23.73	.163	1447.5	429
450	-1.799	-1.811	.438	34.580	27.858	30.266	32.644	37.313	22.83	.168	1447.8	454
475	-1.616	-1.828	.441	34.595	27.870	30.279	32.657	37.326	21.50	.174	1448.2	479
500	-1.786	-1.799	.493	34.645	27.910	30.318	32.695	37.362	17.72	.179	1448.8	504
550	-1.948	-1.962	.377	34.796	28.036	30.446	32.826	37.497	5.32	.185	1449.1	555
594	-1.909	-1.925	.452	34.832	28.065	30.474	32.853	37.522	2.47	.186	1450.0	599

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 13.2S	176 45.9W	569	605	993.0	220	7	-10.6	0	1000	0	25	24JAN78	BI	78	2	103

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.03	-1.03	0.84	34.206	27.53	29.93							0	103
588	-1.92	-1.94	0.44	34.831	28.06	30.47							0	103

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.042	-1.042	.832	34.206	27.531	29.929	32.297	36.945	56.31	0.000	1443.4	0
10	-1.072	-1.072	.810	34.215	27.540	29.938	32.306	36.955	55.48	.006	1443.4	10
20	-1.035	-1.036	.855	34.217	27.540	29.938	32.305	36.953	55.38	.011	1443.8	20
30	-.992	-.993	.905	34.223	27.543	29.940	32.307	36.953	55.09	.017	1444.1	30
40	-.978	-.979	.927	34.224	27.544	29.940	32.307	36.953	55.00	.022	1444.4	40
50	-.975	-.976	.938	34.232	27.550	29.947	32.313	36.959	54.33	.028	1444.5	50
60	-.962	-.964	.959	34.240	27.556	29.952	32.319	36.965	53.74	.033	1444.8	60
70	-.902	-.904	1.028	34.247	27.559	29.955	32.320	36.964	53.41	.038	1445.2	71
80	-.853	-.855	1.086	34.275	27.580	29.974	32.339	36.981	51.44	.044	1445.7	81
90	-.842	-.845	1.105	34.285	27.588	29.982	32.347	36.988	50.63	.049	1445.9	91
100	-.838	-.841	1.116	34.286	27.589	29.983	32.347	36.989	50.56	.054	1446.1	101
125	-.843	-.846	1.132	34.307	27.606	30.000	32.364	37.006	48.83	.066	1446.5	126
150	-1.213	-1.217	.783	34.355	27.658	30.058	32.428	37.080	43.66	.078	1445.3	151
175	-1.710	-1.714	.308	34.406	27.715	30.122	32.499	37.166	37.97	.088	1443.4	176
200	-1.492	-1.497	.548	34.455	27.748	30.152	32.525	37.185	34.82	.097	1444.9	202
225	-1.195	-1.201	.866	34.482	27.760	30.159	32.528	37.179	33.73	.106	1446.8	227
250	-.838	-.846	1.244	34.529	27.785	30.178	32.542	37.181	31.54	.114	1448.9	252
275	-.762	-.771	1.341	34.555	27.803	30.195	32.557	37.194	29.87	.121	1449.7	277
300	-.931	-.940	1.192	34.563	27.816	30.211	32.576	37.217	28.39	.129	1449.4	302
325	-.982	-.992	1.160	34.575	27.828	30.223	32.588	37.232	27.16	.136	1449.5	328
350	-1.034	-1.044	1.127	34.575	27.830	30.226	32.592	37.238	26.82	.142	1449.7	353
375	-1.435	-1.445	.745	34.572	27.841	30.243	32.615	37.273	25.28	.149	1448.3	378
400	-1.602	-1.613	.597	34.575	27.848	30.253	32.628	37.291	24.27	.155	1447.9	403
425	-1.780	-1.791	.438	34.579	27.856	30.264	32.642	37.310	23.14	.161	1447.5	429
450	-1.818	-1.829	.419	34.573	27.852	30.261	32.639	37.308	23.33	.167	1447.7	454
475	-1.824	-1.836	.433	34.598	27.873	30.281	32.660	37.329	21.25	.172	1448.1	479
500	-1.798	-1.811	.479	34.617	27.888	30.296	32.674	37.342	19.75	.178	1448.7	504
550	-1.953	-1.967	.372	34.788	28.031	30.441	32.820	37.491	5.86	.184	1449.0	555
598	-1.908	-1.924	.456	34.831	28.064	30.473	32.852	37.521	2.53	.186	1450.1	603



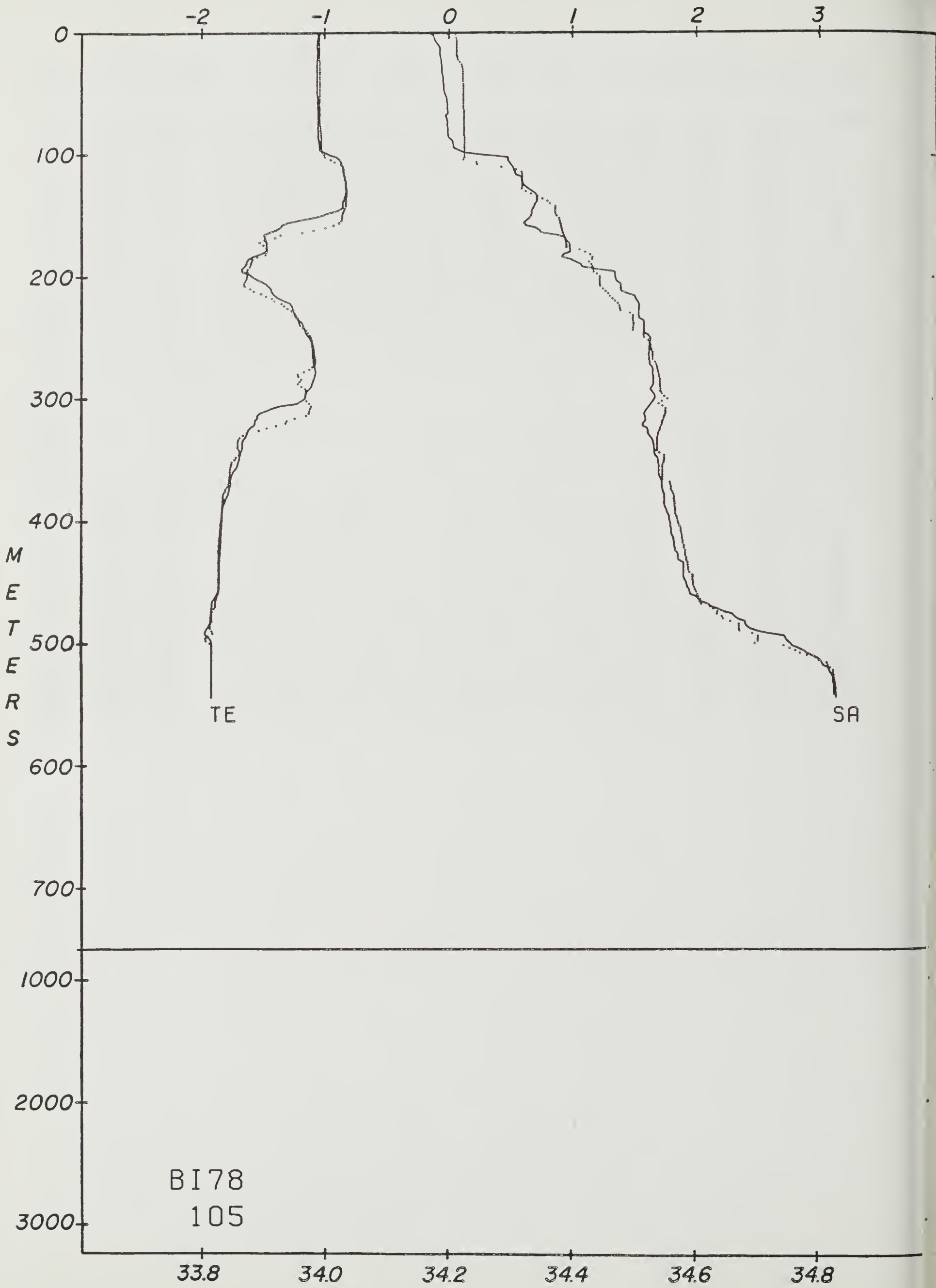
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 13.2S 176 45.9W 569 605 993.6 220 7 -10.6 0 0 0 35 24JAN78 BI 78 1 104

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.852	-1.852	1.027	34.279	27.583	29.978	32.342	36.984	51.39	0.000	1444.4	-0
10	-1.852	-1.852	1.034	34.279	27.583	29.978	32.342	36.984	51.35	.005	1444.5	11
20	-1.852	-1.852	1.042	34.279	27.583	29.978	32.342	36.984	51.31	.010	1444.7	21
30	-1.852	-1.852	1.049	34.260	27.584	29.979	32.343	36.985	51.20	.015	1444.9	31
40	-1.852	-1.853	1.057	34.280	27.584	29.979	32.343	36.985	51.17	.021	1445.0	41
50	-1.852	-1.853	1.065	34.281	27.585	29.979	32.344	36.986	51.06	.026	1445.2	51
60	-1.852	-1.853	1.072	34.281	27.585	29.979	32.344	36.986	51.02	.031	1445.4	61
70	-1.852	-1.854	1.080	34.282	27.586	29.980	32.345	36.987	50.91	.036	1445.5	72
80	-1.839	-1.841	1.100	34.282	27.585	29.979	32.344	36.985	50.92	.041	1445.8	82
90	-1.830	-1.833	1.117	34.285	27.587	29.981	32.346	36.987	50.70	.046	1446.0	92
100	-1.830	-1.833	1.124	34.287	27.589	29.983	32.347	36.989	50.51	.051	1446.1	102
125	-1.825	-1.828	1.150	34.306	27.604	29.998	32.362	37.003	49.00	.063	1446.6	127
150	-1.599	-1.603	.397	34.348	27.664	30.070	32.446	37.110	42.91	.075	1443.5	152
175	-1.551	-1.555	.470	34.453	27.748	30.153	32.527	37.189	34.89	.085	1444.2	177
200	-1.339	-1.344	.704	34.501	27.780	30.181	32.552	37.207	31.83	.093	1445.7	203
225	-1.193	-1.199	.870	34.519	27.790	30.189	32.558	37.208	30.90	.101	1446.8	228
250	-1.793	-1.801	1.290	34.546	27.797	30.190	32.552	37.190	30.45	.109	1449.2	253
265	-1.803	-1.811	1.292	34.549	27.800	30.192	32.555	37.194	30.13	.113	1449.4	267

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 13.2S 176 45.9W 569 605 993.6 220 8 -10.6 0 0 0 57 24JAN78 BI 78 2 104

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
247	-0.93	-0.94	1.15	34.567	27.82	30.21				-0.20			0	104
255	-0.82	-0.83	1.27	34.546	27.80	30.19				-0.23		C1	0	104
266	-0.79	-0.80	1.31	34.549	27.80	30.19					0.37	C1	0	104

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.023	-1.023	.850	34.191	27.519	29.916	32.283	36.931	57.52	0.000	1443.4	-0
10	-1.061	-1.061	.820	34.190	27.519	29.917	32.285	36.934	57.42	.006	1443.4	11
20	-1.033	-1.033	.856	34.195	27.522	29.920	32.287	36.936	57.10	.011	1443.7	21
30	-1.992	-1.992	.906	34.217	27.539	29.935	32.302	36.949	55.51	.017	1444.1	31
40	-1.978	-1.979	.927	34.219	27.540	29.936	32.303	36.949	55.37	.023	1444.4	41
50	-1.975	-1.977	.938	34.220	27.540	29.937	32.304	36.950	55.26	.028	1444.5	51
60	-1.973	-1.975	.947	34.220	27.540	29.937	32.303	36.950	55.23	.034	1444.7	61
70	-1.954	-1.956	.974	34.219	27.539	29.935	32.301	36.947	55.34	.039	1445.0	72
80	-1.855	-1.857	1.084	34.268	27.575	29.969	32.334	36.976	51.93	.045	1445.7	82
90	-1.838	-1.840	1.109	34.282	27.585	29.979	32.344	36.985	50.90	.050	1445.9	92
100	-1.841	-1.844	1.113	34.285	27.588	29.982	32.346	36.988	50.62	.055	1446.1	102
125	-1.841	-1.845	1.133	34.303	27.602	29.997	32.361	37.002	49.16	.067	1446.5	127
150	-1.289	-1.293	.709	34.393	27.691	30.092	32.463	37.117	40.49	.078	1445.0	152
175	-1.555	-1.559	.463	34.408	27.712	30.117	32.491	37.153	38.32	.088	1444.2	177
200	-1.435	-1.440	.605	34.446	27.739	30.142	32.514	37.173	35.69	.098	1445.2	203
225	-1.243	-1.249	.818	34.484	27.763	30.163	32.533	37.185	33.38	.106	1446.6	228
250	-1.870	-1.877	1.212	34.519	27.778	30.172	32.536	37.177	32.16	.114	1448.8	253
264	-1.809	-1.817	1.286	34.558	27.807	30.200	32.563	37.201	29.42	.119	1449.3	266



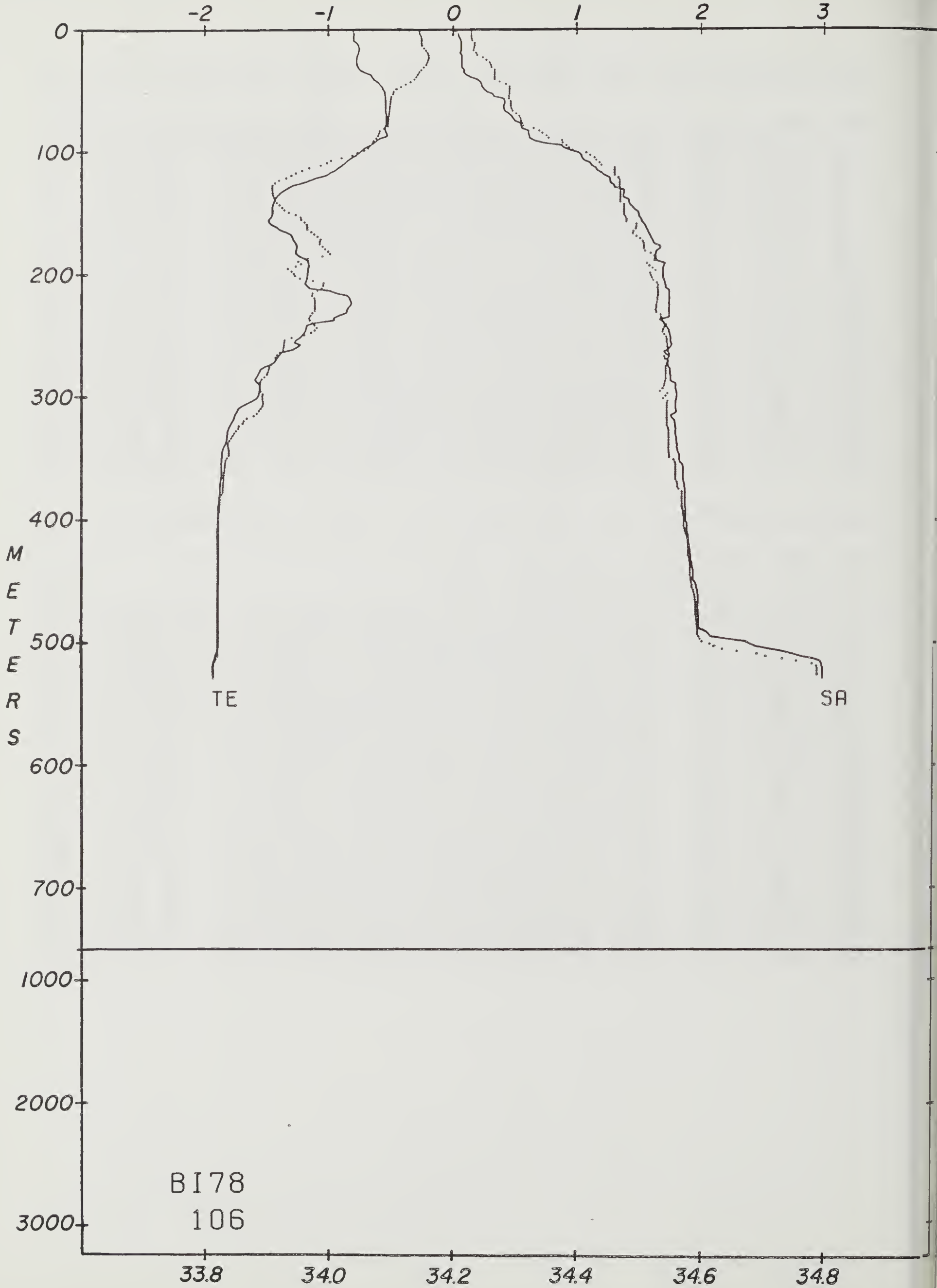
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 13.35 175 20.1W 569 553 992.0 220 12 -8.9 0 625 0 254 24JAN78 BI 78 1 105

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.045	-1.045	.827	34.171	27.503	29.901	32.269	36.918	58.98	0.000	1443.3	0
10	-1.054	-1.054	.827	34.183	27.514	29.911	32.279	36.928	57.96	.006	1443.5	10
20	-1.052	-1.052	.836	34.188	27.517	29.915	32.283	36.932	57.56	.012	1443.6	20
30	-1.055	-1.056	.841	34.191	27.520	29.917	32.286	36.935	57.29	.017	1443.8	30
40	-1.055	-1.056	.848	34.193	27.521	29.919	32.287	36.936	57.09	.023	1444.0	40
50	-1.055	-1.056	.856	34.195	27.523	29.921	32.289	36.937	56.92	.029	1444.1	50
60	-1.049	-1.051	.870	34.200	27.527	29.924	32.292	36.941	56.52	.034	1444.3	60
70	-1.044	-1.046	.883	34.199	27.526	29.924	32.292	36.940	56.53	.040	1444.5	71
80	-1.046	-1.049	.888	34.201	27.527	29.925	32.293	36.942	56.37	.046	1444.7	81
90	-1.041	-1.043	.901	34.208	27.533	29.931	32.298	36.946	55.82	.051	1444.9	91
100	-.990	-.993	.962	34.232	27.551	29.948	32.315	36.961	54.06	.057	1445.3	101
125	-.820	-.823	1.156	34.322	27.617	30.010	32.374	37.015	47.82	.070	1446.6	126
150	-.949	-.954	1.046	34.336	27.633	30.029	32.394	37.039	46.14	.081	1446.5	151
175	-1.465	-1.470	.552	34.398	27.701	30.104	32.477	37.137	39.42	.092	1444.6	176
200	-1.613	-1.618	.428	34.471	27.764	30.170	32.545	37.208	33.22	.101	1444.4	202
225	-1.266	-1.272	.796	34.509	27.785	30.185	32.555	37.207	31.35	.109	1446.5	227
250	-1.135	-1.143	.947	34.524	27.792	30.190	32.557	37.206	30.69	.117	1447.5	252
275	-1.076	-1.084	1.025	34.529	27.794	30.191	32.558	37.205	30.43	.125	1448.2	277
300	-1.152	-1.161	.969	34.536	27.802	30.200	32.569	37.218	29.50	.132	1448.3	302
325	-1.584	-1.592	.554	34.519	27.802	30.207	32.582	37.244	28.99	.139	1446.6	328
350	-1.685	-1.694	.474	34.540	27.822	30.229	32.605	37.270	26.86	.146	1446.6	353
375	-1.765	-1.774	.414	34.548	27.831	30.239	32.616	37.283	25.86	.153	1446.7	378
400	-1.828	-1.837	.370	34.559	27.842	30.250	32.629	37.298	24.61	.159	1446.8	403
425	-1.838	-1.849	.379	34.568	27.849	30.258	32.637	37.307	23.74	.165	1447.2	429
450	-1.848	-1.859	.389	34.584	27.862	30.271	32.650	37.319	22.40	.171	1447.6	454
475	-1.915	-1.927	.344	34.643	27.911	30.321	32.701	37.372	17.51	.176	1447.8	479
500	-1.915	-1.927	.370	34.751	27.999	30.409	32.788	37.458	9.12	.179	1448.3	504
544	-1.912	-1.926	.411	34.828	28.062	30.471	32.850	37.519	3.04	.182	1449.2	549

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 13.35 175 20.1W 569 553 991.9 220 12 -8.9 0 1350 0 333 24JAN78 BI 78 2 105

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.03	-1.03	0.84	34.206	27.53	29.93							0	105
540	-1.54	-1.95	0.38	34.828	28.06	30.47							0	105

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.030	-1.030	.845	34.213	27.537	29.934	32.301	36.949	55.81	0.000	1443.4	0
10	-1.035	-1.035	.847	34.215	27.539	29.936	32.304	36.951	55.60	.006	1443.6	10
20	-1.035	-1.036	.855	34.215	27.539	29.936	32.304	36.952	55.55	.011	1443.8	20
30	-1.030	-1.030	.868	34.224	27.545	29.943	32.310	36.958	54.87	.017	1444.0	30
40	-1.030	-1.031	.876	34.225	27.546	29.944	32.311	36.959	54.73	.022	1444.1	40
50	-1.030	-1.031	.883	34.226	27.547	29.944	32.312	36.960	54.61	.028	1444.3	50
60	-1.030	-1.031	.891	34.226	27.547	29.944	32.312	36.960	54.57	.033	1444.5	60
70	-1.030	-1.032	.899	34.227	27.548	29.945	32.313	36.961	54.45	.039	1444.6	71
80	-1.023	-1.026	.912	34.227	27.548	29.945	32.312	36.960	54.44	.044	1444.8	81
90	-1.019	-1.021	.925	34.228	27.548	29.946	32.313	36.960	54.34	.049	1445.0	91
100	-1.009	-1.011	.943	34.228	27.548	29.945	32.312	36.960	54.33	.055	1445.2	101
125	-.816	-.819	1.160	34.321	27.616	30.010	32.373	37.014	47.89	.068	1446.7	126
150	-.841	-.845	1.157	34.376	27.661	30.055	32.419	37.060	43.54	.079	1447.0	151
175	-1.505	-1.509	.513	34.393	27.698	30.102	32.476	37.137	39.67	.089	1444.4	176
200	-1.621	-1.626	.418	34.442	27.741	30.147	32.522	37.187	35.39	.099	1444.3	202
225	-1.328	-1.334	.733	34.477	27.760	30.161	32.532	37.187	33.64	.107	1446.1	227
250	-1.111	-1.119	.970	34.517	27.786	30.184	32.551	37.199	31.26	.116	1447.6	252
275	-1.080	-1.088	1.022	34.538	27.802	30.199	32.566	37.213	29.70	.123	1448.2	277
300	-1.146	-1.155	.975	34.551	27.814	30.212	32.580	37.229	28.35	.130	1448.3	302
325	-1.425	-1.434	.715	34.545	27.819	30.221	32.593	37.251	27.59	.137	1447.4	328
350	-1.707	-1.715	.453	34.551	27.832	30.238	32.615	37.281	25.96	.144	1446.5	353
375	-1.788	-1.797	.391	34.562	27.843	30.251	32.629	37.297	24.68	.150	1446.6	378
400	-1.828	-1.837	.371	34.572	27.852	30.261	32.639	37.308	23.65	.156	1446.8	403
425	-1.852	-1.862	.367	34.584	27.862	30.271	32.650	37.320	22.51	.162	1447.1	429
450	-1.853	-1.864	.385	34.597	27.873	30.282	32.661	37.331	21.34	.168	1447.6	454
475	-1.898	-1.910	.361	34.633	27.903	30.313	32.692	37.363	18.32	.173	1447.8	479
500	-1.952	-1.965	.330	34.701	27.960	30.370	32.750	37.422	12.78	.177	1448.1	504
546	-1.911	-1.925	.413	34.831	28.064	30.473	32.852	37.522	2.80	.180	1449.2	551



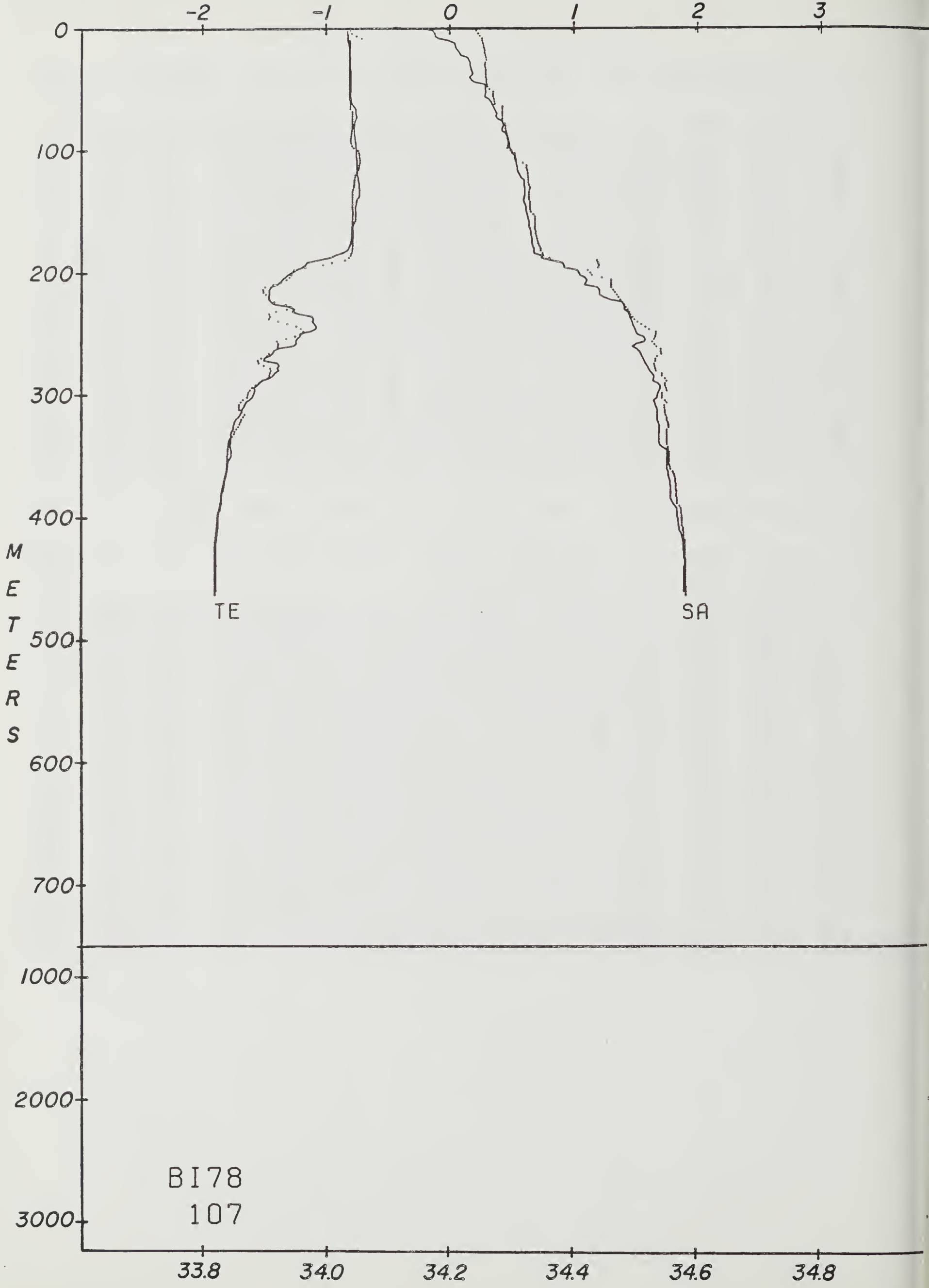
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 16.6S	173 45.6W	569	537	991.4	210	16	-12.2	0	650	0	1050	24JAN78	BI	78	1	106	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .797	- .797	1.077	34.209	27.525	29.918	32.282	36.923	56.95	0.000	1444.5	0
10	- .763	- .763	1.119	34.219	27.531	29.924	32.288	36.927	56.30	.006	1444.9	10
20	- .733	- .733	1.157	34.219	27.530	29.923	32.286	36.925	56.36	.011	1445.2	20
30	- .743	- .744	1.154	34.220	27.532	29.924	32.288	36.927	56.21	.017	1445.3	30
40	- .619	- .620	1.287	34.235	27.538	29.929	32.290	36.926	55.56	.023	1446.0	40
50	- .531	- .532	1.384	34.256	27.552	29.941	32.301	36.934	54.26	.028	1446.6	50
60	- .514	- .516	1.411	34.289	27.578	29.967	32.326	36.958	51.79	.033	1446.9	60
70	- .509	- .512	1.423	34.296	27.583	29.972	32.331	36.963	51.24	.038	1447.1	71
80	- .516	- .519	1.424	34.316	27.600	29.989	32.348	36.980	49.65	.044	1447.3	81
90	- .552	- .555	1.398	34.331	27.613	30.002	32.362	36.995	48.37	.048	1447.3	91
100	- .709	- .712	1.252	34.396	27.672	30.064	32.426	37.063	42.67	.053	1446.8	101
125	-1.154	-1.158	.829	34.459	27.740	30.139	32.507	37.157	36.02	.063	1445.3	126
150	-1.423	-1.427	.582	34.503	27.784	30.187	32.559	37.216	31.65	.071	1444.5	151
175	-1.236	-1.241	.789	34.529	27.800	30.199	32.569	37.220	30.15	.079	1445.8	176
200	-1.141	-1.147	.904	34.544	27.809	30.206	32.574	37.223	29.30	.086	1446.7	202
225	- .792	- .799	1.273	34.554	27.803	30.196	32.558	37.196	29.91	.094	1448.7	227
250	-1.186	-1.193	.898	34.555	27.819	30.217	32.586	37.236	28.11	.101	1447.3	252
275	-1.465	-1.472	.638	34.552	27.825	30.228	32.601	37.260	27.17	.109	1446.4	277
300	-1.542	-1.550	.580	34.566	27.839	30.243	32.617	37.278	25.69	.115	1446.5	302
325	-1.772	-1.780	.369	34.563	27.843	30.251	32.629	37.297	24.93	.121	1445.8	328
350	-1.834	-1.842	.326	34.570	27.850	30.259	32.638	37.307	24.06	.127	1446.0	353
375	-1.849	-1.858	.331	34.579	27.858	30.267	32.645	37.315	23.21	.133	1446.3	378
400	-1.860	-1.870	.339	34.580	27.859	30.268	32.647	37.318	22.92	.139	1446.7	403
425	-1.860	-1.870	.358	34.586	27.864	30.273	32.652	37.323	22.29	.144	1447.1	429
450	-1.862	-1.873	.376	34.593	27.869	30.279	32.657	37.328	21.67	.150	1447.5	454
475	-1.865	-1.877	.392	34.600	27.876	30.285	32.664	37.334	20.94	.155	1447.9	479
500	-1.865	-1.878	.415	34.672	27.934	30.343	32.721	37.391	15.35	.160	1448.5	504
530	-1.908	-1.921	.403	34.802	28.041	30.450	32.828	37.498	5.11	.163	1448.9	535

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 16.6S	173 45.6W	569	537	991.0	210	16	-12.8	0	950	0	1147	24JAN78	BI	78	2	106	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.23	-0.23	1.65	34.245	27.53	29.91							0	106
519	-1.92	-1.93	0.38	34.795	28.04	30.44							0	106

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .240	- .240	1.636	34.236	27.522	29.907	32.263	36.887	57.17	0.000	1447.1	0
10	- .223	- .223	1.660	34.237	27.523	29.907	32.263	36.886	57.13	.006	1447.4	10
20	- .175	- .176	1.716	34.243	27.525	29.909	32.264	36.886	56.87	.011	1447.8	20
30	- .189	- .190	1.711	34.267	27.545	29.929	32.283	36.906	55.01	.017	1447.9	30
40	- .269	- .270	1.639	34.273	27.554	29.939	32.295	36.919	54.13	.022	1447.7	40
50	- .427	- .429	1.490	34.297	27.580	29.968	32.326	36.955	51.57	.028	1447.2	50
60	- .476	- .478	1.449	34.297	27.583	29.972	32.330	36.961	51.31	.033	1447.1	60
70	- .488	- .490	1.445	34.307	27.591	29.979	32.338	36.970	50.50	.038	1447.2	71
80	- .502	- .504	1.440	34.323	27.605	29.993	32.352	36.984	49.20	.043	1447.4	81
90	- .593	- .596	1.359	34.367	27.644	30.034	32.394	37.028	45.45	.048	1447.2	91
100	- .691	- .694	1.270	34.403	27.677	30.068	32.430	37.066	42.26	.052	1446.9	101
125	-1.387	-1.390	.597	34.474	27.760	30.162	32.534	37.190	34.08	.062	1444.2	126
150	-1.285	-1.289	.718	34.481	27.762	30.163	32.533	37.186	33.78	.070	1445.1	151
175	-1.042	-1.047	.982	34.512	27.779	30.176	32.542	37.198	32.21	.078	1446.7	176
200	-1.251	-1.257	.793	34.524	27.796	30.196	32.566	37.217	30.38	.086	1446.1	202
225	-1.080	-1.086	.984	34.534	27.798	30.195	32.562	37.209	30.24	.094	1447.4	227
250	-1.175	-1.182	.909	34.546	27.811	30.209	32.578	37.228	28.84	.101	1447.4	252
275	-1.442	-1.449	.661	34.549	27.822	30.225	32.598	37.255	27.47	.108	1446.5	277
300	-1.506	-1.514	.615	34.548	27.824	30.227	32.601	37.260	27.17	.115	1446.6	302
325	-1.699	-1.707	.441	34.551	27.832	30.238	32.615	37.280	26.12	.122	1446.2	328
350	-1.791	-1.799	.369	34.556	27.838	30.246	32.624	37.292	25.28	.128	1446.1	353
375	-1.826	-1.836	.353	34.568	27.849	30.257	32.636	37.305	24.09	.134	1446.4	378
400	-1.866	-1.876	.333	34.577	27.857	30.266	32.645	37.316	23.13	.140	1446.6	403
425	-1.867	-1.878	.351	34.584	27.863	30.272	32.651	37.321	22.44	.146	1447.1	429
450	-1.868	-1.879	.369	34.588	27.866	30.276	32.654	37.325	21.97	.151	1447.5	454
475	-1.872	-1.884	.385	34.596	27.872	30.282	32.661	37.331	21.22	.157	1447.9	479
500	-1.872	-1.885	.405	34.608	27.883	30.292	32.671	37.341	20.14	.162	1448.3	504
527	-1.910	-1.923	.398	34.793	28.053	30.442	32.821	37.491	5.80	.165	1448.9	532



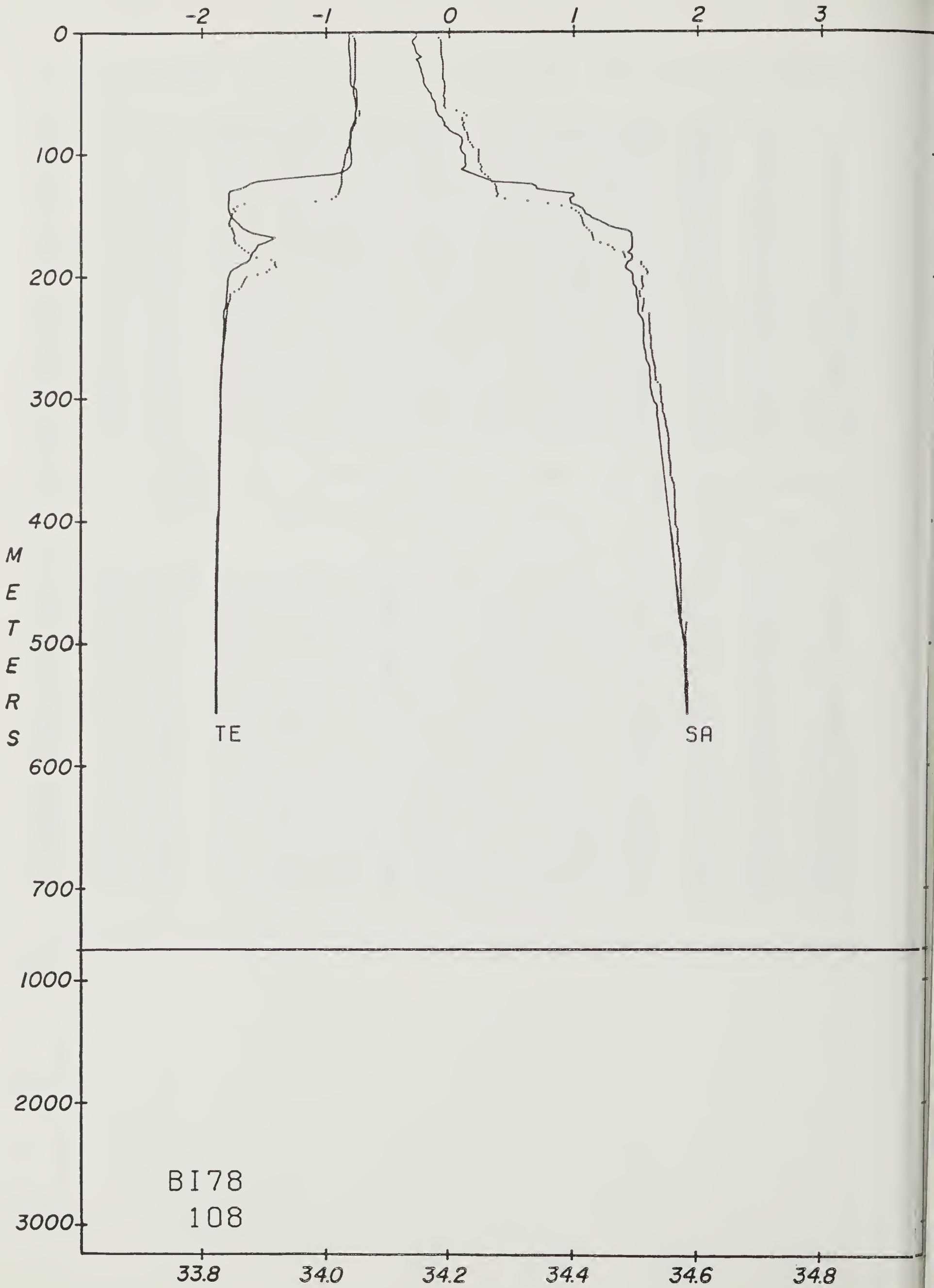
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 18.5S	172 9.7W	569	474	991.0	220	7	-12.8	0	950	0	1400	24JAN78	BI	78	1	107

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.814	-.814	1.057	34.147	27.475	29.870	32.234	36.876	61.63	0.000	1444.4	0
10	-.808	-.809	1.072	34.187	27.507	29.901	32.265	36.907	58.58	.006	1444.6	10
20	-.793	-.794	1.097	34.217	27.531	29.925	32.289	36.929	56.30	.012	1444.9	20
30	-.787	-.788	1.111	34.237	27.547	29.940	32.304	36.944	54.77	.017	1445.1	30
40	-.782	-.783	1.125	34.240	27.549	29.943	32.306	36.947	54.49	.023	1445.3	40
50	-.782	-.783	1.133	34.262	27.567	29.960	32.324	36.963	52.81	.028	1445.5	50
60	-.779	-.781	1.144	34.267	27.571	29.964	32.328	36.968	52.36	.033	1445.7	60
70	-.742	-.744	1.190	34.279	27.579	29.972	32.335	36.973	51.57	.039	1446.0	71
80	-.752	-.755	1.187	34.291	27.589	29.982	32.345	36.984	50.58	.044	1446.2	81
90	-.753	-.756	1.194	34.297	27.594	29.987	32.350	36.988	50.11	.049	1446.3	91
100	-.741	-.744	1.214	34.302	27.598	29.990	32.353	36.992	49.72	.054	1446.6	101
125	-.724	-.727	1.252	34.323	27.614	30.006	32.368	37.006	48.14	.066	1447.1	126
150	-.745	-.749	1.250	34.328	27.619	30.012	32.374	37.013	47.55	.078	1447.4	151
175	-.779	-.785	1.235	34.338	27.628	30.022	32.385	37.024	46.58	.090	1447.7	176
200	-1.218	-1.223	.820	34.408	27.701	30.100	32.470	37.122	39.42	.100	1446.1	202
225	-1.429	-1.435	.631	34.471	27.759	30.161	32.534	37.192	33.71	.110	1445.7	227
250	-1.106	-1.114	.975	34.506	27.776	30.174	32.541	37.189	32.17	.118	1447.6	252
275	-1.441	-1.448	.660	34.520	27.799	30.202	32.574	37.232	29.66	.126	1446.5	277
300	-1.558	-1.565	.563	34.541	27.820	30.224	32.598	37.260	27.49	.133	1446.4	302
325	-1.717	-1.725	.423	34.542	27.825	30.232	32.609	37.275	26.72	.139	1446.1	328
350	-1.742	-1.750	.418	34.556	27.837	30.244	32.621	37.288	25.45	.146	1446.4	353
375	-1.798	-1.807	.381	34.561	27.842	30.251	32.629	37.297	24.71	.152	1446.5	378
400	-1.849	-1.859	.349	34.573	27.854	30.262	32.641	37.311	23.47	.158	1446.7	403
425	-1.866	-1.877	.352	34.583	27.862	30.271	32.650	37.320	22.52	.164	1447.1	429
450	-1.868	-1.879	.370	34.584	27.863	30.272	32.651	37.321	22.30	.170	1447.5	454
462	-1.868	-1.879	.379	34.584	27.863	30.272	32.651	37.321	22.23	.172	1447.7	466

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 18.5S	172 9.7W	569	474	991.1	200	10	-12.8	0	0	0	1458	24JAN78	BI	78	2	107

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.80	-0.80	1.08	34.267	27.57	29.97							0	107
459	-1.91	-1.92	0.33	34.587	27.87	30.28						D7	0	107

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.799	-.799	1.077	34.247	27.556	29.949	32.313	36.954	54.03	0.000	1444.6	0
10	-.717	-.718	1.167	34.256	27.560	29.952	32.315	36.953	53.60	.005	1445.1	10
20	-.790	-.791	1.102	34.261	27.566	29.959	32.323	36.963	52.95	.011	1445.0	20
30	-.794	-.794	1.106	34.263	27.568	29.962	32.325	36.966	52.73	.016	1445.1	30
40	-.794	-.795	1.114	34.263	27.568	29.962	32.326	36.966	52.69	.021	1445.3	40
50	-.794	-.795	1.122	34.267	27.571	29.965	32.328	36.969	52.37	.027	1445.4	50
60	-.789	-.791	1.135	34.276	27.579	29.972	32.336	36.976	51.66	.032	1445.6	60
70	-.770	-.772	1.152	34.290	27.589	29.982	32.345	36.985	50.62	.037	1445.9	71
80	-.767	-.770	1.172	34.293	27.591	29.984	32.347	36.987	50.39	.042	1446.1	81
90	-.777	-.780	1.170	34.298	27.596	29.989	32.352	36.992	49.94	.047	1446.2	91
100	-.752	-.755	1.204	34.299	27.596	29.989	32.351	36.990	49.92	.052	1446.5	101
125	-.749	-.752	1.227	34.332	27.622	30.015	32.377	37.016	47.33	.064	1447.0	126
150	-.765	-.770	1.230	34.335	27.625	30.018	32.382	37.020	46.94	.076	1447.3	151
175	-.762	-.767	1.253	34.347	27.635	30.027	32.391	37.029	45.99	.087	1447.8	176
200	-1.225	-1.230	.814	34.432	27.721	30.120	32.490	37.142	37.55	.098	1446.1	202
225	-1.411	-1.417	.650	34.481	27.767	30.169	32.541	37.199	32.97	.107	1445.8	227
250	-1.159	-1.167	.923	34.536	27.803	30.201	32.569	37.218	29.63	.115	1447.4	252
275	-1.519	-1.526	.582	34.536	27.814	30.218	32.592	37.252	28.17	.122	1446.1	277
300	-1.600	-1.607	.522	34.551	27.829	30.234	32.609	37.271	26.59	.129	1446.2	302
325	-1.667	-1.675	.474	34.558	27.837	30.243	32.619	37.283	25.67	.135	1446.3	328
350	-1.768	-1.777	.392	34.560	27.841	30.248	32.626	37.293	25.05	.141	1446.3	353
375	-1.803	-1.812	.377	34.571	27.850	30.259	32.637	37.305	23.95	.148	1446.5	378
400	-1.847	-1.857	.352	34.581	27.860	30.269	32.647	37.317	22.89	.153	1446.7	403
425	-1.872	-1.882	.346	34.586	27.864	30.274	32.653	37.323	22.27	.159	1447.0	429
450	-1.873	-1.884	.365	34.587	27.865	30.275	32.654	37.324	22.05	.165	1447.5	454
465	-1.869	-1.880	.380	34.588	27.866	30.275	32.654	37.325	21.90	.168	1447.7	469



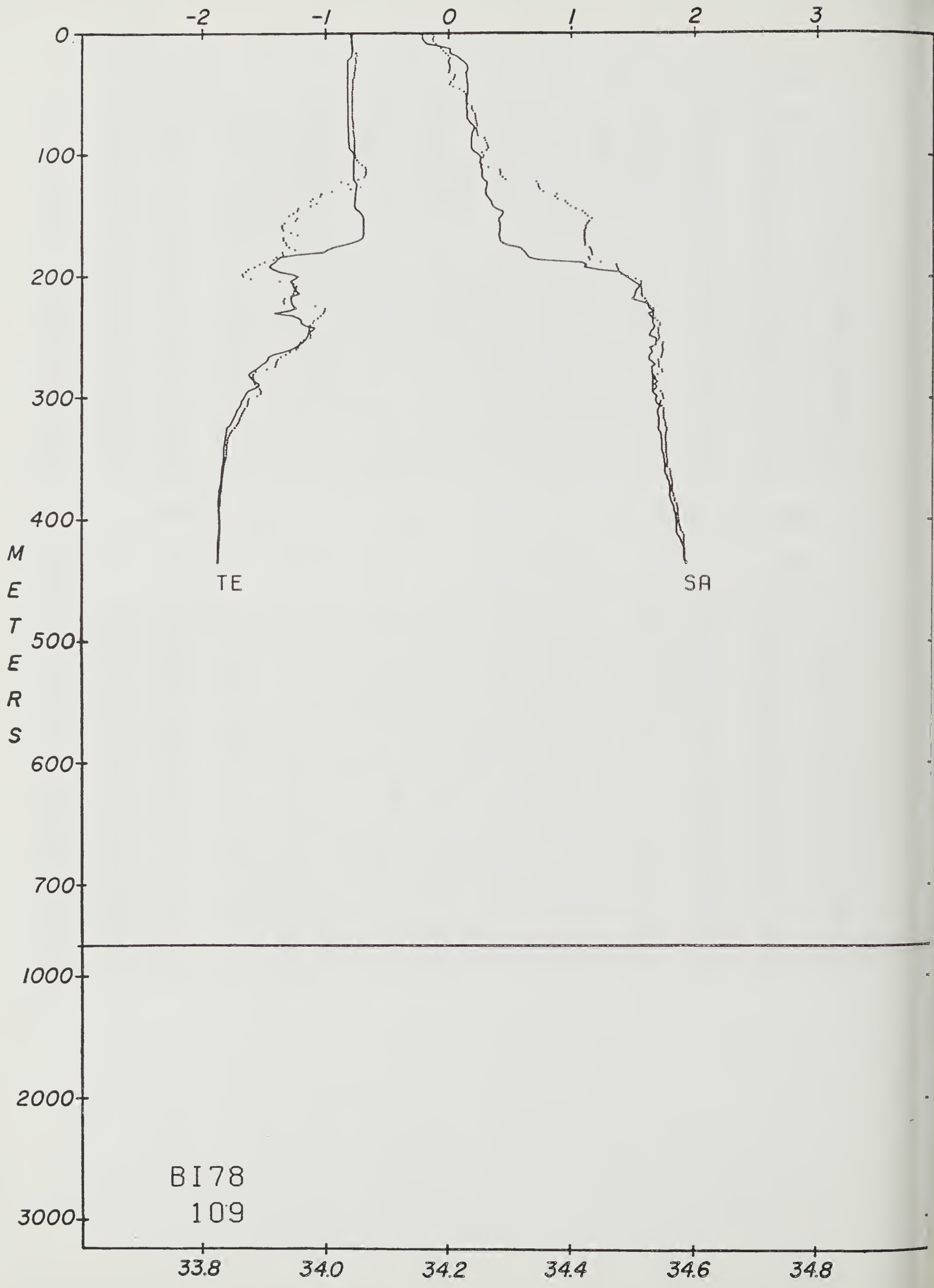
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 17.8S 170 20.9W 569 563 991.1 210 12 -12.2 0 2000 0 1942 24JAN78 BI 78 1 108

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .813	- .813	1.058	34.146	27.474	29.869	32.233	36.875	61.71	0.000	1444.4	0
10	- .815	- .815	1.063	34.141	27.471	29.865	32.230	36.872	62.02	.006	1444.5	10
20	- .808	- .809	1.078	34.151	27.478	29.873	32.237	36.879	61.26	.012	1444.7	20
30	- .801	- .801	1.093	34.154	27.480	29.874	32.238	36.880	61.07	.018	1444.9	30
40	- .800	- .801	1.102	34.159	27.484	29.879	32.243	36.884	60.62	.025	1445.1	40
50	- .750	- .752	1.160	34.167	27.489	29.883	32.246	36.886	60.13	.031	1445.5	50
60	- .746	- .748	1.172	34.178	27.498	29.891	32.254	36.894	59.30	.037	1445.7	60
70	- .760	- .762	1.166	34.185	27.504	29.897	32.261	36.901	58.70	.042	1445.8	71
80	- .792	- .794	1.142	34.198	27.516	29.909	32.274	36.914	57.54	.048	1445.8	81
90	- .800	- .803	1.143	34.222	27.536	29.929	32.294	36.934	55.62	.054	1446.0	91
100	- .797	- .799	1.154	34.222	27.536	29.929	32.293	36.934	55.59	.059	1446.2	101
125	-1.581	-1.584	.393	34.299	27.624	30.030	32.405	37.069	46.85	.072	1443.0	126
150	-1.769	-1.772	.231	34.422	27.728	30.136	32.515	37.183	36.77	.083	1442.7	151
175	-1.515	-1.519	.509	34.496	27.782	30.186	32.559	37.220	31.73	.091	1444.5	176
200	-1.774	-1.778	.269	34.497	27.790	30.198	32.576	37.244	30.70	.099	1443.7	202
225	-1.801	-1.806	.261	34.506	27.798	30.206	32.584	37.253	29.78	.107	1443.9	227
250	-1.821	-1.826	.261	34.515	27.805	30.214	32.593	37.262	28.89	.114	1444.3	252
275	-1.832	-1.839	.269	34.525	27.814	30.222	32.601	37.271	27.97	.121	1444.7	277
300	-1.843	-1.850	.278	34.530	27.818	30.227	32.606	37.277	27.36	.128	1445.0	302
416	-1.858	-1.868	.352	34.561	27.844	30.253	32.632	37.302	24.28	.134	1446.9	420
483	-1.871	-1.883	.391	34.577	27.857	30.266	32.645	37.316	22.66	.140	1448.0	487
486	-1.871	-1.883	.393	34.577	27.857	30.267	32.646	37.316	22.58	.146	1448.1	490
489	-1.871	-1.883	.395	34.578	27.858	30.268	32.647	37.318	22.48	.152	1448.1	493
492	-1.871	-1.883	.398	34.579	27.859	30.268	32.647	37.318	22.39	.157	1448.2	496
495	-1.871	-1.883	.400	34.580	27.860	30.269	32.648	37.319	22.31	.163	1448.2	499
498	-1.871	-1.884	.402	34.581	27.860	30.270	32.649	37.319	22.23	.169	1448.3	502
500	-1.871	-1.884	.404	34.582	27.861	30.270	32.649	37.320	22.17	.174	1448.3	504
550	-1.868	-1.882	.445	34.587	27.865	30.274	32.654	37.324	21.49	.185	1449.2	555
559	-1.872	-1.886	.449	34.587	27.865	30.275	32.654	37.324	21.42	.187	1449.3	564

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 17.6S 170 20.8W 569 563 991.0 210 12 -12.2 0 0 0 2030 24JAN78 BI 78 2 108

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.74	-0.74	1.13	34.186	27.50	29.90							0	108
549	-1.88	-1.89	0.43	34.589	27.87	30.28							0	108

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .801	- .801	1.071	34.180	27.501	29.896	32.259	36.901	59.15	0.000	1444.5	0
10	- .761	- .761	1.119	34.188	27.506	29.899	32.263	36.903	58.68	.006	1444.8	10
20	- .764	- .764	1.124	34.188	27.507	29.900	32.264	36.904	58.60	.012	1445.0	20
30	- .764	- .764	1.132	34.191	27.509	29.902	32.266	36.906	58.35	.018	1445.1	30
40	- .764	- .765	1.139	34.191	27.509	29.903	32.266	36.906	58.28	.023	1445.3	40
50	- .774	- .776	1.137	34.194	27.511	29.905	32.269	36.909	58.03	.029	1445.4	50
60	- .758	- .760	1.161	34.194	27.511	29.904	32.268	36.907	58.06	.035	1445.7	60
70	- .729	- .731	1.199	34.227	27.537	29.929	32.292	36.931	55.61	.041	1446.0	71
80	- .779	- .781	1.157	34.225	27.537	29.931	32.294	36.934	55.53	.046	1445.9	81
90	- .803	- .806	1.141	34.233	27.544	29.938	32.302	36.943	54.80	.052	1446.0	91
100	- .830	- .833	1.122	34.249	27.558	29.953	32.317	36.958	53.41	.057	1446.1	101
125	- .870	- .874	1.102	34.273	27.579	29.974	32.339	36.981	51.36	.070	1446.3	126
150	-1.748	-1.751	.252	34.409	27.718	30.125	32.503	37.171	37.81	.081	1442.8	151
175	-1.708	-1.712	.313	34.452	27.752	30.159	32.536	37.202	34.47	.090	1443.5	176
200	-1.544	-1.549	.500	34.520	27.802	30.206	32.580	37.241	29.70	.099	1444.8	202
225	-1.782	-1.788	.280	34.515	27.804	30.212	32.590	37.258	29.18	.106	1444.0	227
250	-1.811	-1.816	.272	34.527	27.815	30.223	32.601	37.270	28.03	.113	1444.3	252
275	-1.835	-1.841	.267	34.533	27.821	30.230	32.608	37.278	27.30	.120	1444.7	277
300	-1.843	-1.850	.278	34.544	27.829	30.238	32.617	37.287	26.34	.127	1445.0	302
325	-1.843	-1.850	.298	34.552	27.836	30.245	32.624	37.294	25.52	.133	1445.5	328
350	-1.834	-1.862	.306	34.557	27.841	30.250	32.629	37.299	24.96	.139	1445.8	353
375	-1.854	-1.863	.326	34.565	27.847	30.256	32.635	37.305	24.21	.146	1446.3	378
400	-1.864	-1.874	.334	34.567	27.849	30.258	32.637	37.308	23.90	.152	1446.6	403
425	-1.870	-1.880	.348	34.573	27.854	30.263	32.642	37.313	23.27	.158	1447.0	429
450	-1.875	-1.886	.362	34.576	27.856	30.266	32.645	37.316	22.88	.163	1447.4	454
475	-1.875	-1.886	.381	34.577	27.857	30.267	32.646	37.316	22.66	.169	1447.9	479
500	-1.875	-1.887	.401	34.585	27.863	30.273	32.652	37.323	21.93	.175	1448.3	504
550	-1.875	-1.889	.439	34.587	27.865	30.275	32.654	37.325	21.46	.185	1449.1	555
558	-1.873	-1.887	.446	34.587	27.865	30.275	32.654	37.325	21.42	.187	1449.3	563



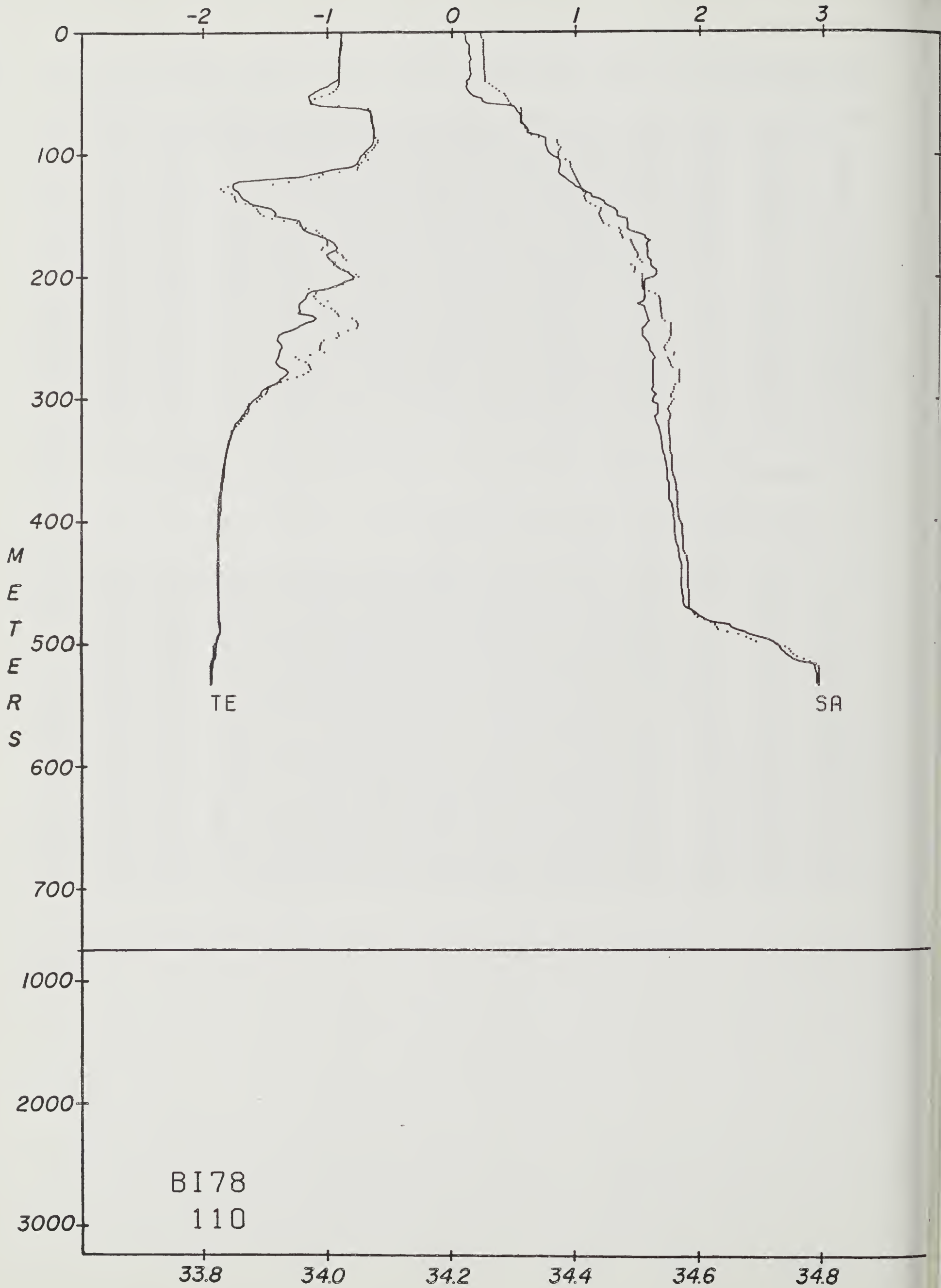
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 18.3S	172 14.2W	569	443	991.0	210	13	-8.7	0	375	0	2312	24JAN78	BI	78	1	109

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .802	- .802	1.069	34.157	27.483	29.877	32.241	36.883	60.91	0.000	1444.4	0
10	- .792	- .793	1.087	34.166	27.490	29.884	32.248	36.889	60.23	.006	1444.6	10
20	- .797	- .798	1.092	34.210	27.526	29.920	32.283	36.924	56.78	.012	1444.9	20
30	- .828	- .829	1.070	34.230	27.543	29.937	32.301	36.943	55.15	.018	1444.9	30
40	- .828	- .829	1.078	34.229	27.542	29.937	32.301	36.942	55.16	.023	1445.1	40
50	- .829	- .830	1.085	34.230	27.543	29.937	32.302	36.943	55.05	.029	1445.2	50
60	- .824	- .826	1.097	34.228	27.541	29.935	32.300	36.941	55.18	.034	1445.4	60
70	- .823	- .825	1.105	34.229	27.542	29.936	32.300	36.942	55.07	.040	1445.6	71
80	- .821	- .823	1.116	34.241	27.551	29.945	32.309	36.951	54.16	.045	1445.8	81
90	- .817	- .819	1.127	34.236	27.547	29.941	32.305	36.947	54.50	.050	1446.0	91
100	- .779	- .782	1.173	34.244	27.552	29.946	32.309	36.949	54.02	.056	1446.3	101
125	- .754	- .758	1.218	34.262	27.566	29.959	32.322	36.962	52.64	.069	1446.9	126
150	- .713	- .717	1.280	34.288	27.585	29.977	32.340	36.978	50.78	.082	1447.5	151
175	- .831	- .836	1.181	34.293	27.594	29.989	32.353	36.994	49.77	.095	1447.4	176
200	-1.286	-1.292	.755	34.483	27.764	30.165	32.535	37.189	33.40	.105	1445.9	202
225	-1.271	-1.278	.792	34.525	27.797	30.197	32.567	37.220	30.18	.113	1446.5	227
250	-1.147	-1.154	.936	34.529	27.796	30.194	32.562	37.211	30.26	.121	1447.5	252
275	-1.530	-1.537	.572	34.532	27.812	30.216	32.589	37.250	28.41	.128	1446.1	277
300	-1.655	-1.663	.466	34.538	27.820	30.226	32.602	37.266	27.37	.135	1445.9	302
325	-1.786	-1.794	.354	34.542	27.826	30.235	32.612	37.280	26.52	.142	1445.7	328
350	-1.827	-1.835	.332	34.550	27.834	30.243	32.621	37.291	25.60	.148	1446.0	353
375	-1.858	-1.867	.320	34.560	27.843	30.252	32.631	37.301	24.60	.154	1446.2	378
400	-1.864	-1.873	.335	34.570	27.851	30.261	32.640	37.310	23.65	.160	1446.6	403
425	-1.874	-1.884	.344	34.583	27.862	30.271	32.650	37.321	22.50	.166	1447.0	429
437	-1.874	-1.884	.354	34.586	27.864	30.274	32.653	37.323	22.20	.169	1447.2	441

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 18.2S	172 13.1W	569	443	991.1	190	15	-9.9	0	225	0	2356	24JAN78	BI	78	2	109

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.77	-0.77	1.10	34.179	27.50	29.89							0	109
430	-1.87	-1.88	0.35	34.582	27.86	30.27							0	109

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .792	- .792	1.080	34.174	27.496	29.890	32.254	36.895	59.65	0.000	1444.5	0
10	- .792	- .792	1.088	34.179	27.500	29.894	32.258	36.899	59.23	.006	1444.7	10
20	- .753	- .753	1.136	34.199	27.515	29.908	32.271	36.911	57.83	.012	1445.0	20
30	- .766	- .767	1.130	34.202	27.518	29.911	32.274	36.915	57.52	.018	1445.1	30
40	- .783	- .785	1.121	34.207	27.522	29.916	32.280	36.920	57.05	.023	1445.2	40
50	- .790	- .791	1.123	34.223	27.536	29.929	32.293	36.934	55.72	.029	1445.4	50
60	- .791	- .793	1.130	34.231	27.542	29.936	32.300	36.940	55.08	.034	1445.6	60
70	- .791	- .793	1.138	34.243	27.552	29.945	32.309	36.950	54.16	.040	1445.8	71
80	- .780	- .782	1.157	34.245	27.553	29.947	32.310	36.950	54.01	.045	1446.0	81
90	- .770	- .772	1.176	34.259	27.564	29.957	32.321	36.960	52.92	.051	1446.2	91
100	- .767	- .770	1.186	34.256	27.561	29.954	32.318	36.958	53.16	.056	1446.4	101
125	- .847	- .851	1.129	34.344	27.636	30.030	32.394	37.035	46.01	.068	1446.5	126
150	-1.250	-1.254	.750	34.423	27.714	30.114	32.484	37.137	38.34	.079	1445.2	151
175	-1.322	-1.327	.697	34.422	27.716	30.117	32.488	37.143	38.02	.088	1445.3	176
200	-1.673	-1.678	.369	34.481	27.774	30.181	32.557	37.222	32.21	.097	1444.1	202
225	-1.236	-1.242	.827	34.526	27.797	30.197	32.566	37.218	30.20	.105	1446.6	227
250	-1.124	-1.131	.959	34.542	27.806	30.204	32.571	37.219	29.35	.112	1447.6	252
275	-1.410	-1.417	.692	34.542	27.816	30.218	32.590	37.247	28.07	.120	1446.7	277
300	-1.564	-1.571	.558	34.549	27.826	30.230	32.605	37.266	26.91	.127	1446.4	302
325	-1.732	-1.740	.409	34.554	27.835	30.242	32.619	37.285	25.78	.133	1446.0	328
350	-1.806	-1.815	.353	34.555	27.838	30.246	32.624	37.293	25.29	.140	1446.1	353
375	-1.847	-1.856	.332	34.564	27.846	30.255	32.634	37.304	24.33	.146	1446.3	378
400	-1.862	-1.871	.337	34.574	27.855	30.264	32.643	37.313	23.35	.152	1446.7	403
425	-1.869	-1.879	.350	34.584	27.862	30.272	32.651	37.321	22.47	.157	1447.1	429
437	-1.874	-1.885	.353	34.587	27.865	30.275	32.654	37.324	22.12	.160	1447.2	441



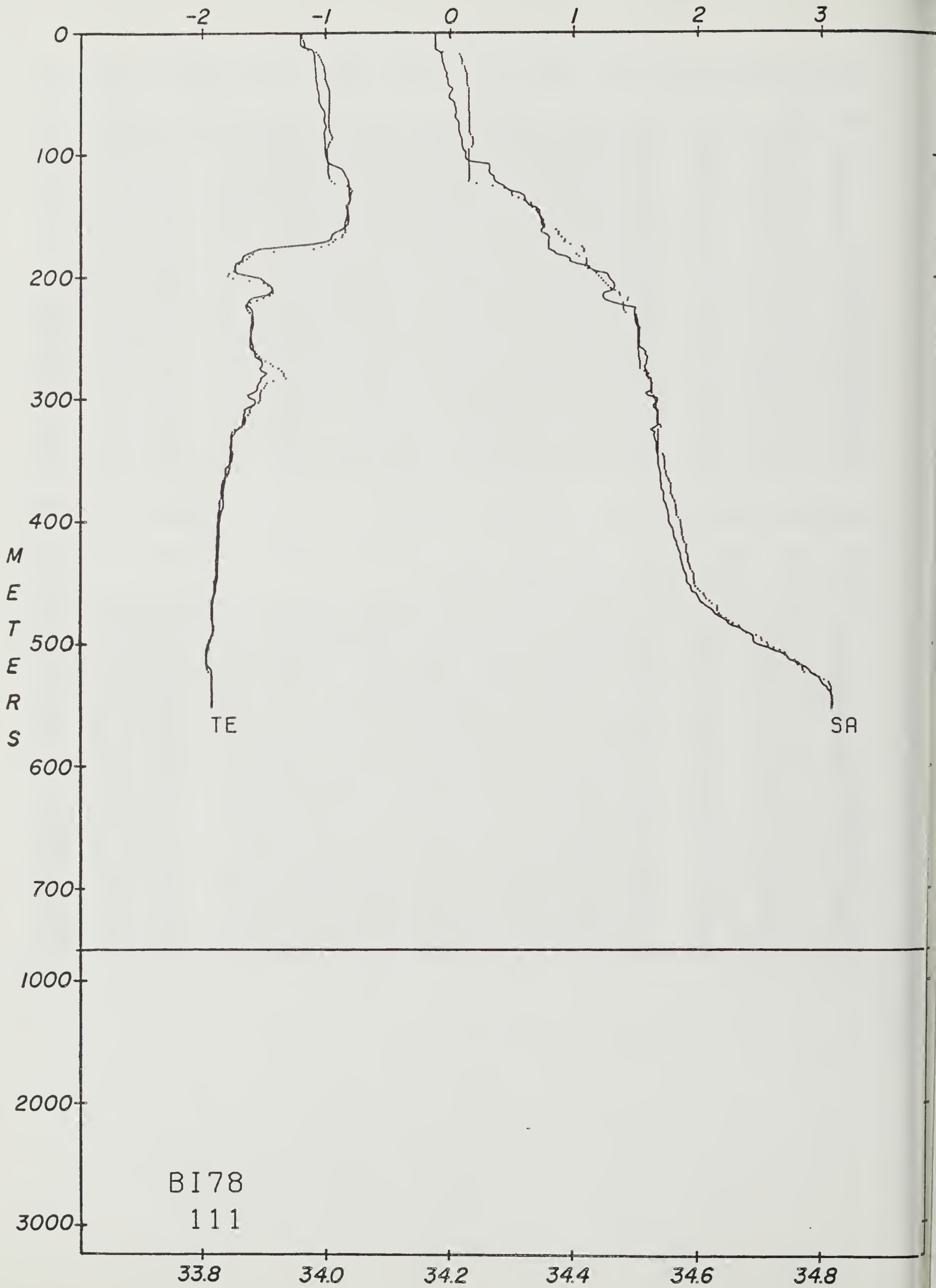
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 16.5S	173 49.5W	569	543	992.0	220	6	-7.5	0	425	0	231	25JAN78	BI	78	1	110	

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .879	- .879	.996	34.219	27.536	29.931	32.296	36.939	55.88	0.000	1444.2	0
10	- .893	- .893	.990	34.226	27.542	29.937	32.302	36.946	55.29	.006	1444.3	10
20	- .900	- .900	.991	34.229	27.545	29.940	32.306	36.950	54.95	.011	1444.4	20
30	- .900	- .900	.998	34.230	27.546	29.941	32.306	36.950	54.85	.017	1444.6	30
40	- .914	- .915	.992	34.228	27.545	29.940	32.306	36.950	54.91	.022	1444.7	40
50	-1.088	-1.089	.825	34.229	27.551	29.950	32.318	36.968	54.22	.028	1444.0	50
60	-1.115	-1.116	.808	34.268	27.584	29.983	32.351	37.001	51.08	.033	1444.1	60
70	- .638	- .640	1.295	34.312	27.602	29.993	32.354	36.989	49.48	.038	1446.6	71
80	- .621	- .623	1.321	34.323	27.609	30.000	32.361	36.996	48.71	.043	1446.8	81
90	- .624	- .626	1.327	34.353	27.634	30.025	32.385	37.020	46.35	.047	1447.0	91
100	- .696	- .699	1.262	34.359	27.642	30.034	32.396	37.033	45.53	.052	1446.9	101
125	-1.727	-1.730	.252	34.396	27.707	30.114	32.492	37.159	39.00	.063	1442.5	126
150	-1.407	-1.411	.595	34.469	27.757	30.159	32.531	37.188	34.27	.072	1444.5	151
175	- .933	- .938	1.092	34.516	27.779	30.173	32.538	37.180	32.33	.080	1447.2	176
200	- .804	- .810	1.240	34.531	27.786	30.178	32.541	37.180	31.66	.088	1448.2	202
225	-1.218	-1.225	.844	34.508	27.782	30.181	32.551	37.202	31.64	.096	1446.7	227
250	-1.377	-1.384	.704	34.511	27.789	30.191	32.563	37.219	30.74	.104	1446.4	252
275	-1.381	-1.388	.721	34.527	27.803	30.204	32.576	37.232	29.36	.111	1446.8	277
300	-1.546	-1.554	.574	34.529	27.809	30.214	32.588	37.249	28.48	.119	1446.4	302
325	-1.740	-1.748	.399	34.536	27.821	30.228	32.605	37.272	27.09	.126	1445.9	328
350	-1.808	-1.816	.352	34.546	27.831	30.239	32.617	37.286	25.96	.132	1446.0	353
375	-1.837	-1.846	.342	34.553	27.837	30.246	32.624	37.294	25.21	.139	1446.3	378
400	-1.858	-1.867	.340	34.561	27.844	30.253	32.632	37.302	24.38	.145	1446.7	403
425	-1.864	-1.874	.353	34.568	27.850	30.259	32.638	37.308	23.67	.151	1447.1	429
450	-1.864	-1.875	.373	34.573	27.854	30.263	32.642	37.313	23.15	.157	1447.5	454
475	-1.864	-1.875	.393	34.593	27.869	30.279	32.658	37.328	21.52	.162	1447.9	479
500	-1.882	-1.894	.401	34.721	27.974	30.383	32.762	37.432	11.52	.166	1448.4	504
534	-1.921	-1.935	.392	34.793	28.034	30.443	32.822	37.492	5.72	.169	1448.9	539

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 16.5S	173 49.5W	569	543	991.8	220	6	-6.5	0	0	0	317	25JAN78	BI	78	2	110	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.88	-0.88	1.00	34.244	27.56	29.95							0	110
528	-1.91	-1.92	0.40	34.791	28.03	30.44							0	110

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .900	- .900	.977	34.248	27.560	29.955	32.321	36.964	53.59	0.000	1444.1	0
10	- .879	- .879	1.006	34.252	27.563	29.958	32.322	36.965	53.32	.005	1444.4	10
20	- .895	- .896	.996	34.252	27.563	29.958	32.324	36.967	53.21	.011	1444.5	20
30	- .902	- .902	.998	34.253	27.564	29.960	32.325	36.969	53.09	.016	1444.6	30
40	- .900	- .901	1.008	34.255	27.566	29.961	32.326	36.970	52.90	.021	1444.8	40
50	- .944	- .946	.972	34.279	27.587	29.983	32.349	36.994	50.83	.026	1444.8	50
60	-1.094	-1.095	.831	34.296	27.606	30.004	32.372	37.021	49.02	.031	1444.3	60
70	- .640	- .642	1.293	34.314	27.603	29.994	32.355	36.991	49.32	.036	1446.6	71
80	- .621	- .624	1.320	34.320	27.607	29.998	32.359	36.994	48.89	.041	1446.8	81
90	- .585	- .588	1.366	34.372	27.648	30.038	32.398	37.031	45.06	.046	1447.2	91
100	- .660	- .663	1.299	34.374	27.653	30.044	32.405	37.041	44.54	.050	1447.0	101
125	-1.374	-1.377	.606	34.407	27.705	30.107	32.479	37.136	39.25	.061	1444.2	126
150	-1.527	-1.531	.474	34.441	27.737	30.142	32.516	37.177	36.06	.070	1443.9	151
175	- .988	- .993	1.035	34.494	27.763	30.158	32.524	37.169	33.81	.079	1446.9	176
200	- .755	- .762	1.288	34.506	27.763	30.155	32.517	37.154	33.83	.088	1448.4	202
225	-1.032	-1.038	1.032	34.539	27.801	30.197	32.563	37.208	30.03	.096	1447.6	227
250	- .896	- .904	1.188	34.556	27.809	30.203	32.567	37.208	29.26	.103	1448.7	252
275	-1.129	-1.137	.974	34.558	27.819	30.217	32.584	37.233	28.02	.110	1448.0	277
300	-1.512	-1.519	.610	34.557	27.831	30.235	32.608	37.268	26.47	.117	1446.6	302
325	-1.727	-1.735	.414	34.552	27.833	30.240	32.617	37.284	25.92	.123	1446.0	328
350	-1.805	-1.814	.355	34.558	27.840	30.248	32.626	37.295	25.08	.130	1446.1	353
375	-1.843	-1.852	.337	34.565	27.847	30.256	32.634	37.304	24.26	.136	1446.3	378
400	-1.862	-1.871	.337	34.570	27.851	30.261	32.640	37.310	23.65	.142	1446.7	403
425	-1.862	-1.872	.356	34.576	27.856	30.266	32.645	37.315	23.04	.148	1447.1	429
450	-1.867	-1.878	.370	34.584	27.863	30.272	32.651	37.321	22.30	.153	1447.5	454
475	-1.857	-1.868	.400	34.592	27.869	30.278	32.657	37.326	21.61	.159	1448.0	479
500	-1.872	-1.884	.410	34.701	27.957	30.366	32.745	37.415	13.12	.163	1448.5	504
535	-1.921	-1.934	.393	34.797	28.037	30.446	32.825	37.495	5.41	.167	1448.9	540



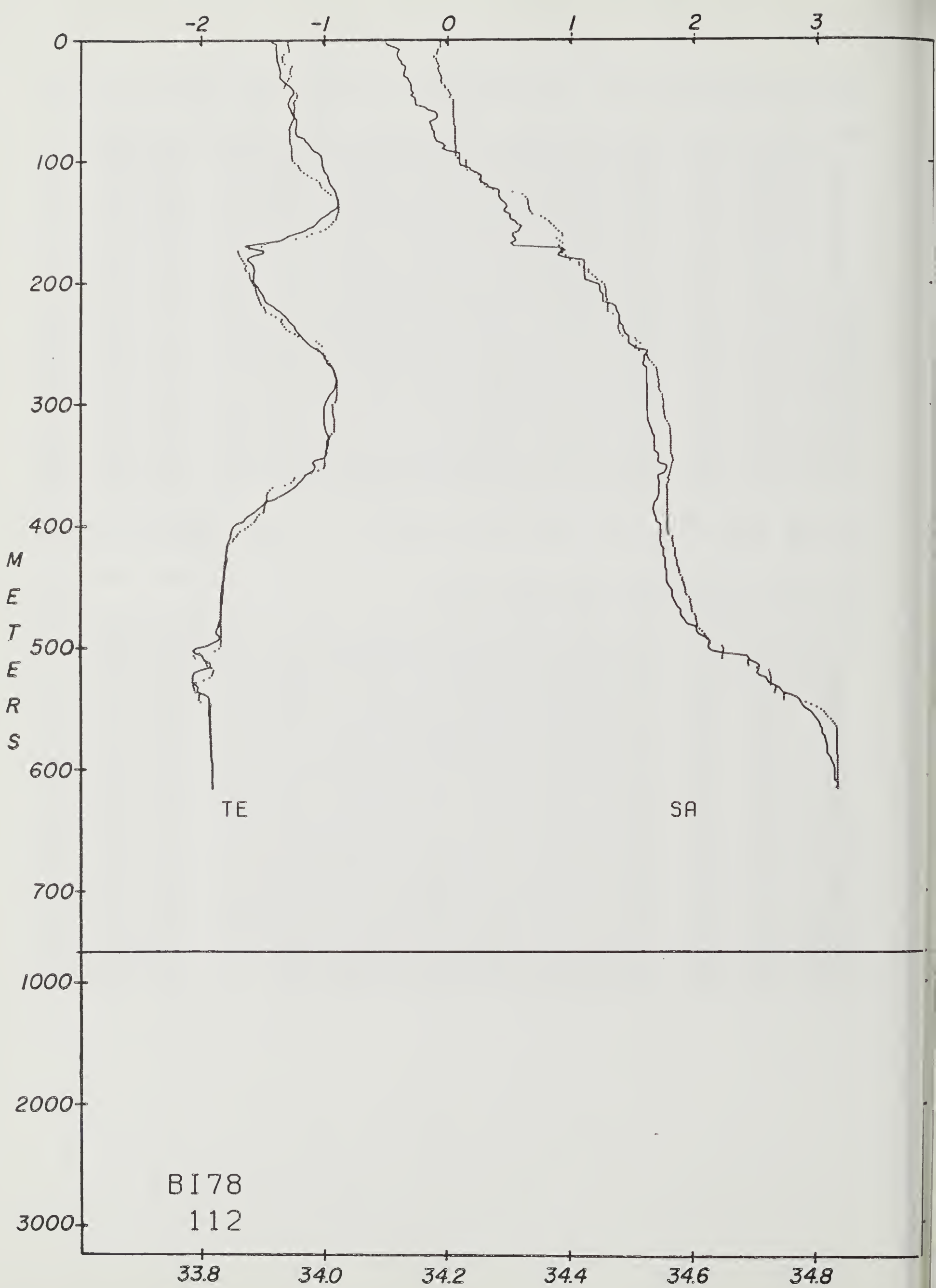
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 12.2S	175 34.6W	569	557	991.5	250	16	-11.7	0	475	0	1331	25JAN78	BI	78	1	111

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.201	-1.201	.671	34.177	27.514	29.914	32.284	36.937	58.01	0.000	1442.6	0
10	-1.198	-1.198	.682	34.177	27.513	29.914	32.284	36.937	57.98	.006	1442.8	10
20	-1.084	-1.085	.804	34.188	27.519	29.917	32.285	36.935	57.45	.012	1443.5	20
30	-1.078	-1.078	.818	34.193	27.522	29.921	32.289	36.938	57.06	.017	1443.7	30
40	-1.070	-1.071	.833	34.198	27.526	29.924	32.292	36.942	56.64	.023	1443.9	40
50	-1.050	-1.051	.862	34.202	27.529	29.927	32.294	36.943	56.35	.029	1444.2	50
60	-1.034	-1.036	.883	34.209	27.534	29.932	32.299	36.947	55.83	.034	1444.4	60
70	-1.005	-1.007	.922	34.211	27.534	29.931	32.298	36.945	55.80	.040	1444.7	71
80	-.999	-1.001	.936	34.216	27.538	29.935	32.302	36.949	55.36	.045	1444.9	81
90	-.999	-1.002	.944	34.221	27.542	29.939	32.306	36.953	54.94	.051	1445.1	91
100	-.994	-.997	.957	34.227	27.547	29.944	32.310	36.958	54.46	.056	1445.3	101
125	-.807	-.811	1.166	34.284	27.586	29.980	32.343	36.984	50.73	.070	1446.6	126
130	-.810	-.815	1.186	34.347	27.637	30.031	32.394	37.035	45.82	.082	1447.1	151
175	-1.212	-1.217	.804	34.362	27.664	30.063	32.433	37.085	43.03	.093	1445.7	176
200	-1.614	-1.619	.426	34.458	27.754	30.159	32.535	37.199	34.18	.102	1444.3	202
225	-1.616	-1.622	.445	34.492	27.782	30.187	32.563	37.226	31.41	.111	1444.8	227
250	-1.599	-1.605	.482	34.508	27.794	30.199	32.574	37.237	30.15	.118	1445.3	252
275	-1.512	-1.519	.588	34.517	27.798	30.202	32.576	37.236	29.66	.126	1446.2	277
300	-1.607	-1.615	.513	34.535	27.816	30.221	32.596	37.259	27.82	.133	1446.1	302
325	-1.687	-1.695	.452	34.529	27.813	30.220	32.596	37.261	27.84	.140	1446.2	328
350	-1.768	-1.777	.391	34.538	27.823	30.231	32.608	37.276	26.73	.147	1446.2	353
375	-1.819	-1.828	.359	34.544	27.829	30.238	32.616	37.286	25.93	.153	1446.4	378
400	-1.848	-1.857	.350	34.555	27.839	30.248	32.627	37.297	24.86	.160	1446.7	403
425	-1.859	-1.869	.359	34.572	27.853	30.262	32.641	37.311	23.40	.166	1447.1	429
450	-1.874	-1.885	.364	34.584	27.863	30.272	32.651	37.322	22.25	.171	1447.5	454
475	-1.907	-1.918	.352	34.628	27.899	30.309	32.689	37.360	18.65	.176	1447.8	479
500	-1.930	-1.942	.352	34.695	27.954	30.364	32.744	37.415	13.32	.180	1448.2	504
550	-1.907	-1.921	.420	34.820	28.055	30.464	32.843	37.512	3.64	.185	1449.3	555
551	-1.907	-1.921	.421	34.820	28.055	30.464	32.843	37.512	3.63	.185	1449.3	556

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 12.2S	175 34.6W	569	557	991.5	260	18	-10.6	0	0	0	1429	25JAN78	BI	78	2	111

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.19	-1.19	0.68	34.170	27.51	29.91							0	111
546	-1.90	-1.91	0.42	34.809	28.05	30.45							0	111

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.190	-1.190	.682	34.180	27.516	29.916	32.286	36.939	57.82	0.000	1442.6	0
10	-1.164	-1.165	.715	34.178	27.513	29.912	32.282	36.935	58.01	.006	1442.9	10
20	-1.041	-1.042	.849	34.219	27.542	29.939	32.307	36.955	55.25	.011	1443.7	20
30	-1.003	-1.004	.895	34.226	27.547	29.943	32.310	36.958	54.76	.017	1444.1	30
40	-.968	-.989	.917	34.229	27.548	29.945	32.312	36.958	54.57	.022	1444.3	40
50	-.960	-.961	.954	34.232	27.550	29.946	32.312	36.958	54.41	.028	1444.6	50
60	-.961	-.962	.960	34.232	27.550	29.946	32.312	36.958	54.36	.033	1444.8	60
70	-.965	-.967	.964	34.233	27.551	29.947	32.313	36.959	54.23	.039	1444.9	71
80	-.960	-.962	.976	34.233	27.550	29.947	32.313	36.959	54.21	.044	1445.1	81
90	-.952	-.955	.992	34.239	27.555	29.951	32.317	36.963	53.74	.050	1445.3	91
100	-.979	-.981	.973	34.232	27.550	29.947	32.313	36.960	54.14	.055	1445.4	101
125	-.878	-.882	1.094	34.258	27.568	29.963	32.328	36.971	52.43	.068	1446.3	126
150	-.818	-.823	1.178	34.347	27.637	30.031	32.395	37.035	45.80	.081	1447.1	151
175	-.999	-1.005	1.019	34.405	27.691	30.087	32.454	37.099	40.55	.091	1446.7	176
200	-1.773	-1.778	.266	34.443	27.746	30.154	32.532	37.201	34.83	.101	1443.6	202
225	-1.634	-1.640	.426	34.482	27.774	30.180	32.555	37.220	32.14	.109	1444.7	227
250	-1.592	-1.598	.489	34.506	27.792	30.197	32.572	37.235	30.32	.117	1445.4	252
275	-1.390	-1.398	.710	34.509	27.789	30.191	32.563	37.219	30.66	.125	1446.7	277
300	-1.519	-1.526	.602	34.532	27.811	30.215	32.589	37.249	28.34	.132	1446.6	302
325	-1.708	-1.716	.432	34.541	27.824	30.231	32.607	37.273	26.86	.139	1446.1	328
350	-1.747	-1.756	.412	34.548	27.831	30.238	32.615	37.282	26.02	.145	1446.3	353
375	-1.831	-1.840	.348	34.559	27.841	30.250	32.629	37.298	24.77	.152	1446.4	378
400	-1.859	-1.869	.340	34.574	27.854	30.263	32.642	37.312	23.42	.158	1446.7	403
425	-1.869	-1.880	.349	34.584	27.863	30.272	32.651	37.322	22.42	.164	1447.1	429
450	-1.889	-1.900	.349	34.597	27.874	30.283	32.663	37.334	21.23	.169	1447.4	454
475	-1.912	-1.924	.347	34.635	27.905	30.315	32.695	37.366	18.07	.174	1447.8	479
500	-1.935	-1.947	.348	34.713	27.969	30.379	32.759	37.430	11.91	.178	1448.2	504
550	-1.907	-1.921	.420	34.819	28.054	30.463	32.842	37.512	3.71	.182	1449.3	555
553	-1.907	-1.921	.422	34.819	28.054	30.463	32.842	37.512	3.69	.182	1449.3	558



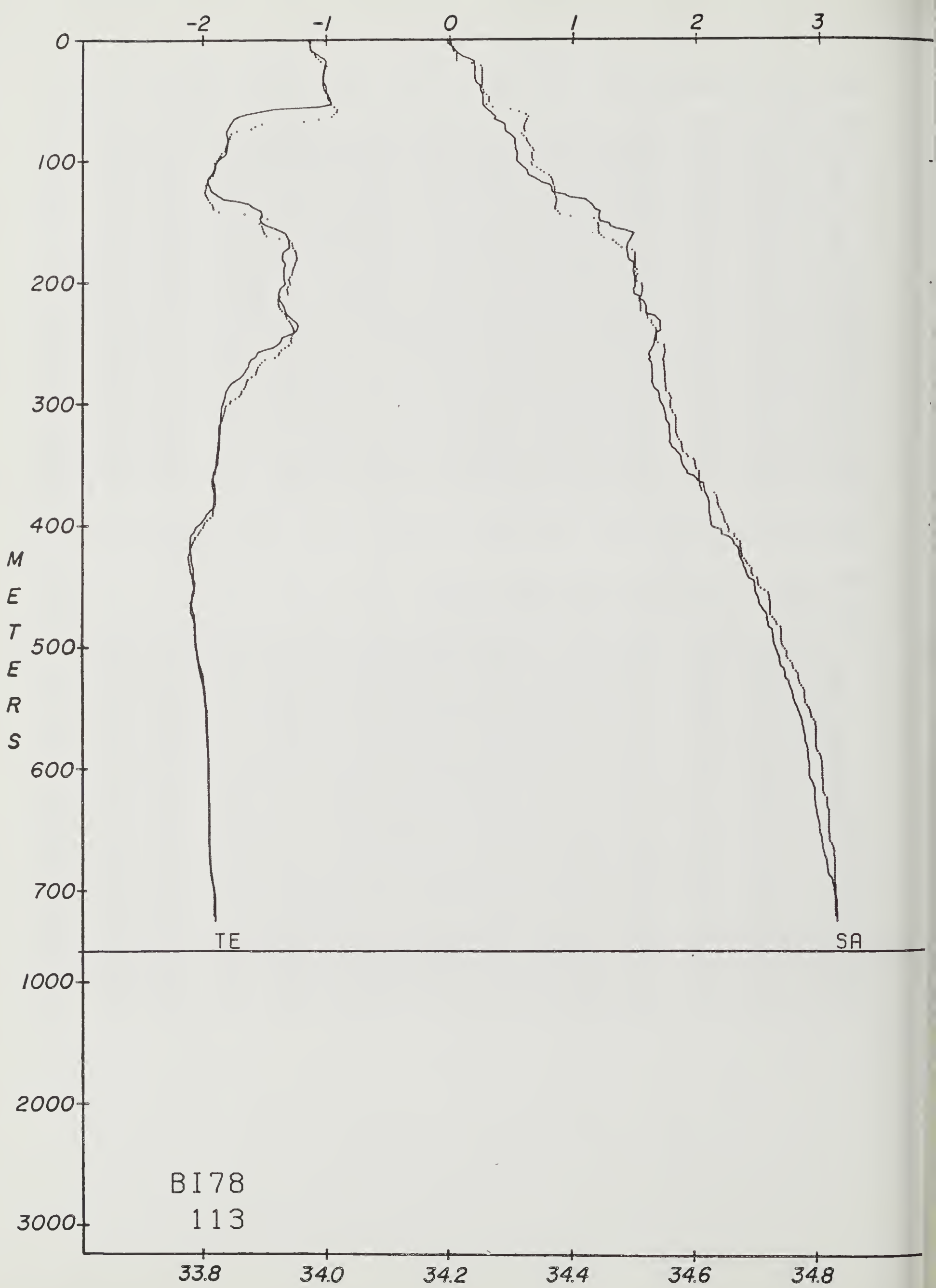
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 13.6S	177 12.6W	569	621	991.9	260	9	-9.8	0	450	0	1623	25JAN78	PI	78	1	112	

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.412	-1.412	.456	34.102	27.459	29.863	32.237	36.897	63.14	0.000	1441.5	0
10	-1.373	-1.373	.504	34.122	27.475	29.878	32.251	36.910	61.62	.006	1441.9	10
20	-1.360	-1.360	.525	34.129	27.480	29.883	32.256	36.914	61.10	.012	1442.1	20
30	-1.347	-1.347	.546	34.132	27.481	29.884	32.257	36.915	60.90	.018	1442.3	30
40	-1.252	-1.253	.649	34.143	27.488	29.889	32.260	36.915	60.27	.025	1443.0	40
50	-1.271	-1.272	.637	34.150	27.494	29.895	32.267	36.922	59.62	.031	1443.0	50
60	-1.254	-1.255	.664	34.181	27.518	29.919	32.290	36.945	57.29	.036	1443.3	60
70	-1.212	-1.214	.713	34.175	27.512	29.913	32.283	36.937	57.79	.042	1443.7	71
80	-1.197	-1.199	.737	34.181	27.517	29.917	32.287	36.941	57.33	.048	1443.9	81
90	-1.089	-1.091	.853	34.196	27.525	29.923	32.292	36.942	56.56	.054	1444.6	91
100	-1.004	-1.007	.947	34.222	27.543	29.940	32.307	36.954	54.81	.059	1445.2	101
125	-.899	-.903	1.074	34.286	27.591	29.986	32.351	36.994	50.23	.072	1446.2	126
150	-1.039	-1.043	.955	34.313	27.618	30.016	32.383	37.030	47.49	.084	1446.0	151
175	-1.483	-1.488	.534	34.390	27.695	30.099	32.473	37.133	39.93	.095	1444.5	176
200	-1.556	-1.561	.483	34.438	27.736	30.141	32.516	37.177	35.90	.105	1444.6	202
225	-1.332	-1.338	.728	34.479	27.762	30.163	32.534	37.189	33.46	.114	1446.1	227
250	-1.118	-1.125	.963	34.498	27.770	30.168	32.536	37.184	32.74	.122	1447.6	252
275	-.902	-.911	1.199	34.525	27.784	30.179	32.543	37.185	31.48	.130	1449.0	277
300	-.981	-.990	1.139	34.526	27.788	30.184	32.549	37.193	30.98	.138	1449.1	302
325	-.958	-.968	1.182	34.537	27.796	30.191	32.556	37.200	30.19	.145	1449.6	328
350	-1.069	-1.080	1.091	34.554	27.814	30.210	32.577	37.224	28.31	.153	1449.5	353
375	-1.343	-1.353	.835	34.544	27.816	30.217	32.588	37.243	27.74	.160	1448.6	378
400	-1.721	-1.731	.476	34.548	27.830	30.237	32.614	37.280	25.86	.166	1447.3	403
425	-1.781	-1.791	.436	34.554	27.836	30.244	32.622	37.290	25.03	.173	1447.4	429
450	-1.807	-1.818	.429	34.564	27.845	30.253	32.632	37.300	24.03	.179	1447.7	454
475	-1.829	-1.841	.427	34.585	27.862	30.271	32.650	37.318	22.25	.185	1448.1	479
500	-2.020	-2.032	.257	34.627	27.901	30.313	32.694	37.369	18.16	.190	1447.7	504
550	-1.922	-1.936	.402	34.787	28.028	30.438	32.817	37.487	6.11	.196	1449.2	555
600	-1.893	-1.908	.473	34.831	28.064	30.473	32.851	37.520	2.58	.198	1450.2	605
616	-1.892	-1.908	.486	34.834	28.066	30.475	32.854	37.522	2.27	.198	1450.5	622

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 13.4S	177 12.5W	569	621	991.5	260	8	-10.6	0	0	0	1744	25JAN78	BI	78	2	112	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.27	-1.27	0.60	34.190	27.53	29.93							0	112
603	-1.90	-1.92	0.47	34.836	28.07	30.48							0	112

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.286	-1.286	.587	34.191	27.528	29.929	32.301	36.956	56.68	0.000	1442.2	0
10	-1.285	-1.285	.595	34.186	27.524	29.925	32.297	36.952	57.01	.006	1442.4	10
20	-1.301	-1.302	.587	34.187	27.525	29.927	32.298	36.955	56.84	.011	1442.5	20
30	-1.262	-1.262	.634	34.192	27.528	29.929	32.300	36.955	56.54	.017	1442.8	30
40	-1.295	-1.296	.609	34.200	27.535	29.937	32.308	36.964	55.78	.023	1442.8	40
50	-1.225	-1.226	.687	34.210	27.541	29.942	32.312	36.966	55.17	.028	1443.3	50
60	-1.233	-1.234	.687	34.212	27.543	29.943	32.314	36.968	54.95	.034	1443.5	60
70	-1.258	-1.260	.669	34.214	27.545	29.946	32.317	36.972	54.69	.039	1443.5	71
80	-1.270	-1.272	.666	34.215	27.547	29.948	32.319	36.974	54.50	.045	1443.6	81
90	-1.253	-1.255	.690	34.216	27.547	29.948	32.319	36.973	54.43	.050	1443.9	91
100	-1.244	-1.247	.707	34.232	27.559	29.960	32.331	36.985	53.21	.055	1444.1	101
125	-.967	-.971	1.007	34.291	27.597	29.994	32.360	37.005	49.60	.068	1445.9	126
150	-.909	-.913	1.088	34.367	27.657	30.052	32.417	37.060	43.91	.080	1446.7	151
175	-1.687	-1.691	.330	34.387	27.698	30.106	32.483	37.149	39.50	.090	1443.5	176
200	-1.569	-1.574	.471	34.453	27.748	30.153	32.528	37.190	34.74	.100	1444.6	202
225	-1.436	-1.442	.623	34.466	27.755	30.158	32.531	37.189	34.06	.108	1445.6	227
250	-1.029	-1.036	1.053	34.514	27.780	30.177	32.543	37.189	31.84	.117	1448.0	252
275	-.897	-.905	1.205	34.543	27.799	30.193	32.557	37.198	30.13	.124	1449.1	277
300	-.915	-.925	1.206	34.553	27.807	30.202	32.566	37.208	29.21	.132	1449.4	302
325	-.936	-.946	1.206	34.564	27.817	30.212	32.577	37.219	28.18	.139	1449.7	328
350	-.986	-.996	1.175	34.566	27.821	30.216	32.582	37.226	27.72	.146	1449.9	353
375	-1.454	-1.465	.724	34.559	27.831	30.234	32.607	37.265	26.17	.153	1448.1	378
400	-1.606	-1.616	.592	34.560	27.836	30.241	32.617	37.279	25.38	.159	1447.9	403
425	-1.787	-1.798	.430	34.573	27.852	30.260	32.638	37.306	23.55	.165	1447.4	429
450	-1.818	-1.829	.420	34.588	27.864	30.273	32.651	37.320	22.20	.171	1447.7	454
475	-1.829	-1.840	.429	34.606	27.880	30.288	32.667	37.335	20.62	.176	1448.1	479
500	-1.843	-1.856	.436	34.651	27.916	30.325	32.703	37.372	17.03	.181	1448.5	504
550	-1.913	-1.927	.413	34.809	28.046	30.455	32.834	37.504	4.45	.186	1449.3	555
600	-1.892	-1.907	.474	34.836	28.068	30.477	32.855	37.524	2.21	.188	1450.2	605
615	-1.892	-1.908	.485	34.837	28.069	30.477	32.856	37.525	2.05	.188	1450.5	621



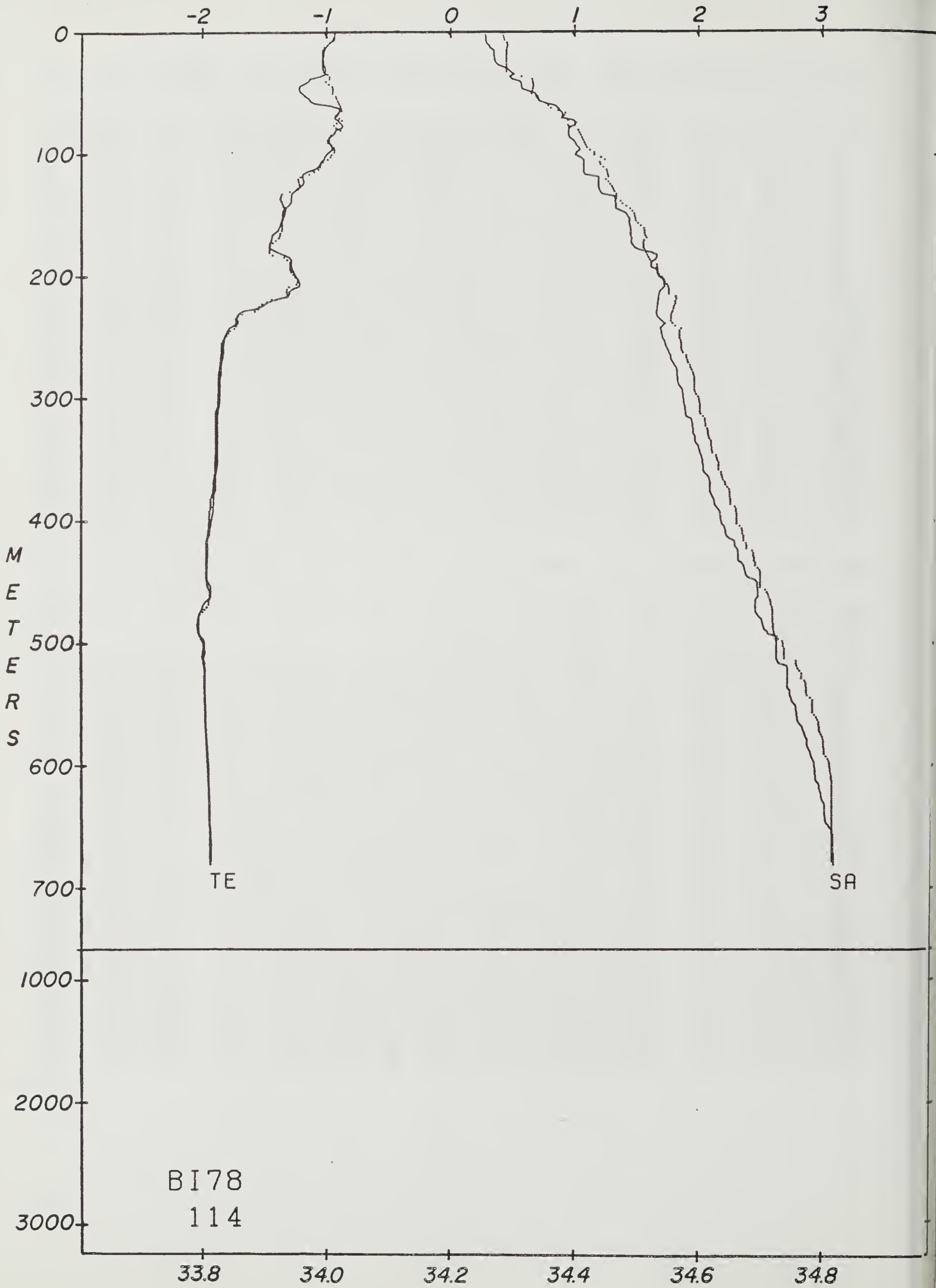
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	8.4S	178	49.1W	569	732	993.8	230	14	-9.0	0	775	0	2044	25JAN78	BI	78	1 113

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.122	-1.122	.752	34.207	27.535	29.934	32.303	36.954	55.97	0.000	1443.0	0
10	-1.083	-1.083	.799	34.216	27.541	29.939	32.307	36.957	55.37	.006	1443.4	10
20	-.991	-.992	.900	34.243	27.560	29.956	32.323	36.970	53.56	.011	1444.0	20
30	-1.009	-1.010	.890	34.244	27.561	29.958	32.325	36.972	53.39	.016	1444.1	30
40	-.986	-.987	.921	34.253	27.568	29.964	32.331	36.977	52.74	.022	1444.4	40
50	-.967	-.969	.948	34.257	27.570	29.966	32.333	36.978	52.46	.027	1444.6	50
60	-1.518	-1.519	.405	34.269	27.598	30.002	32.377	37.040	49.73	.032	1442.2	60
70	-1.757	-1.758	.175	34.291	27.622	30.031	32.409	37.079	47.27	.037	1441.3	71
80	-1.785	-1.786	.136	34.305	27.634	30.043	32.422	37.092	46.07	.042	1441.3	81
90	-1.785	-1.787	.163	34.311	27.639	30.047	32.426	37.096	45.60	.046	1441.5	91
100	-1.855	-1.857	.101	34.312	27.642	30.052	32.432	37.104	45.22	.051	1441.4	101
125	-1.909	-1.912	.069	34.371	27.690	30.101	32.482	37.155	40.45	.061	1441.6	126
150	-1.508	-1.512	.494	34.452	27.746	30.150	32.523	37.184	35.26	.071	1444.0	151
175	-1.321	-1.326	.702	34.492	27.772	30.173	32.544	37.198	32.73	.079	1445.4	176
200	-1.319	-1.324	.724	34.505	27.783	30.184	32.554	37.209	31.61	.087	1445.8	202
225	-1.307	-1.313	.736	34.524	27.798	30.199	32.569	37.223	30.08	.095	1446.3	227
250	-1.360	-1.367	.723	34.536	27.809	30.211	32.582	37.237	28.87	.102	1446.5	252
275	-1.647	-1.654	.454	34.533	27.816	30.221	32.597	37.261	27.94	.110	1445.5	277
300	-1.818	-1.825	.303	34.548	27.832	30.241	32.619	37.288	26.06	.116	1445.2	302
325	-1.844	-1.851	.297	34.561	27.844	30.252	32.631	37.301	24.84	.123	1445.5	328
350	-1.864	-1.873	.297	34.562	27.861	30.270	32.649	37.319	23.04	.129	1445.8	353
375	-1.878	-1.887	.305	34.621	27.893	30.302	32.681	37.351	19.88	.134	1446.2	378
400	-2.018	-2.028	.183	34.629	27.903	30.314	32.696	37.370	18.62	.139	1446.0	403
425	-2.082	-2.092	.141	34.675	27.941	30.353	32.735	37.412	14.79	.143	1446.2	429
450	-2.050	-2.061	.194	34.699	27.961	30.372	32.753	37.429	12.87	.146	1446.8	454
475	-2.055	-2.066	.209	34.719	27.977	30.388	32.770	37.445	11.20	.149	1447.2	479
500	-2.038	-2.050	.246	34.732	27.987	30.398	32.779	37.454	10.09	.152	1447.7	504
550	-1.960	-1.974	.364	34.769	28.015	30.425	32.805	37.477	7.31	.157	1449.0	555
600	-1.938	-1.953	.425	34.789	28.031	30.441	32.820	37.491	5.59	.160	1449.9	605
650	-1.928	-1.945	.474	34.806	28.044	30.454	32.833	37.503	4.06	.162	1450.8	656
700	-1.891	-1.910	.550	34.830	28.063	30.472	32.851	37.520	2.10	.164	1451.9	706
726	-1.880	-1.900	.582	34.835	28.067	30.475	32.854	37.523	1.65	.164	1452.4	733

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	8.4S	178	49.1W	569	732	993.6	240	14	-8.6	0	0	2135	25JAN78	BI	78	2 113	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.11	-1.11	0.77	34.214	27.54	29.94							0	113
709	-1.88	-1.90	0.57	34.837	28.07	30.48							0	113

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.104	-1.104	.771	34.211	27.538	29.936	32.305	36.955	55.72	0.000	1443.1	0
10	-1.095	-1.095	.787	34.211	27.537	29.936	32.304	36.954	55.74	.006	1443.3	10
20	-.985	-.986	.906	34.236	27.554	29.950	32.317	36.963	54.14	.011	1444.0	20
30	-1.002	-1.003	.897	34.256	27.571	29.967	32.334	36.981	52.50	.016	1444.1	30
40	-1.003	-1.004	.904	34.256	27.571	29.968	32.335	36.981	52.43	.022	1444.3	40
50	-.947	-.948	.968	34.267	27.577	29.973	32.339	36.984	51.77	.027	1444.7	50
60	-.898	-.900	1.027	34.316	27.615	30.010	32.375	37.018	48.17	.032	1445.2	60
70	-1.465	-1.467	.468	34.325	27.642	30.045	32.419	37.079	45.50	.037	1442.7	71
80	-1.756	-1.757	.186	34.323	27.648	30.056	32.435	37.104	44.77	.041	1441.5	81
90	-1.792	-1.794	.158	34.338	27.661	30.070	32.449	37.118	43.51	.045	1441.5	91
100	-1.864	-1.866	.093	34.338	27.663	30.073	32.453	37.126	43.19	.050	1441.3	101
125	-1.961	-1.963	.018	34.374	27.694	30.106	32.487	37.162	40.06	.060	1441.3	126
150	-1.494	-1.497	.508	34.447	27.741	30.145	32.519	37.179	35.69	.070	1444.1	151
175	-1.222	-1.227	.802	34.503	27.778	30.177	32.547	37.198	32.22	.078	1445.8	176
200	-1.275	-1.280	.768	34.509	27.785	30.185	32.555	37.208	31.43	.086	1446.0	202
225	-1.322	-1.328	.740	34.518	27.793	30.194	32.565	37.219	30.52	.094	1446.2	227
250	-1.261	-1.268	.822	34.545	27.813	30.213	32.583	37.235	28.57	.101	1447.0	252
275	-1.544	-1.551	.559	34.554	27.830	30.234	32.608	37.268	26.70	.108	1446.1	277
300	-1.762	-1.769	.361	34.563	27.843	30.250	32.628	37.295	25.13	.115	1445.5	302
325	-1.845	-1.852	.297	34.573	27.853	30.262	32.641	37.310	23.94	.121	1445.5	328
350	-1.869	-1.877	.294	34.603	27.878	30.287	32.666	37.336	21.42	.126	1445.8	353
375	-1.884	-1.893	.300	34.636	27.905	30.315	32.694	37.364	18.69	.131	1446.2	378
400	-1.971	-1.980	.233	34.655	27.922	30.333	32.713	37.386	16.85	.136	1446.3	403
425	-2.096	-2.105	.129	34.679	27.945	30.358	32.740	37.416	14.39	.140	1446.1	429
450	-2.053	-2.064	.191	34.707	27.967	30.378	32.760	37.435	12.30	.143	1446.8	454
475	-2.065	-2.076	.199	34.727	27.983	30.395	32.776	37.452	10.59	.146	1447.2	479
500	-2.035	-2.047	.249	34.746	27.998	30.409	32.790	37.464	9.10	.148	1447.7	504
550	-1.949	-1.963	.376	34.788	28.030	30.440	32.819	37.491	5.91	.152	1449.1	555
600	-1.929	-1.944	.435	34.811	28.048	30.457	32.837	37.507	3.98	.155	1450.0	605
650	-1.923	-1.940	.480	34.822	28.057	30.467	32.845	37.516	2.86	.156	1450.9	656
700	-1.882	-1.901	.560	34.833	28.065	30.474	32.852	37.521	1.93	.159	1451.9	706
721	-1.879	-1.899	.578	34.834	28.066	30.474	32.853	37.522	1.76	.158	1452.3	728



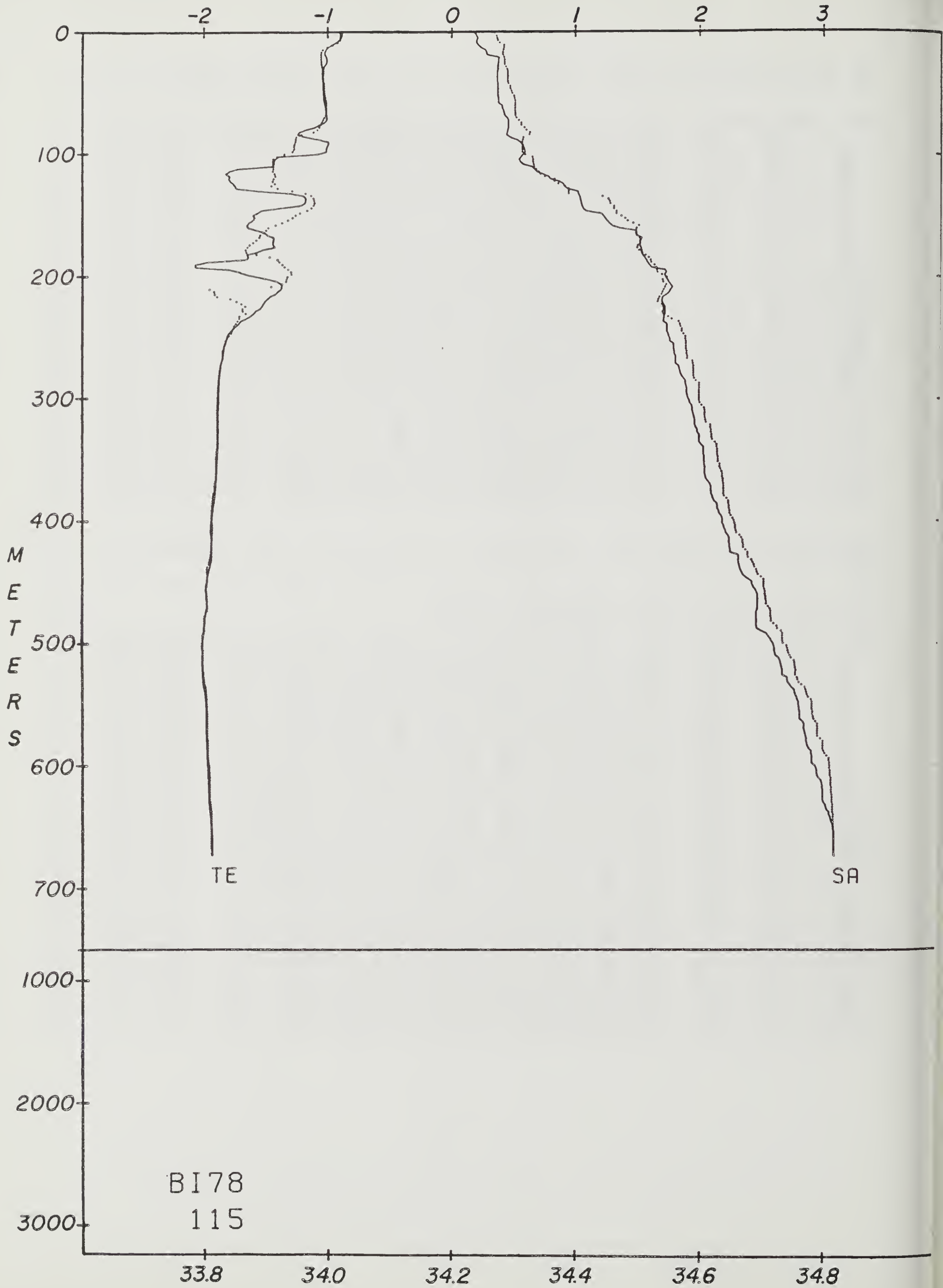
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	2. 1S	179	47. 0E	570	693	994. 0	250	12	-6. 1	0	750	0	2336	25JAN78	BI	78 1 114

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .920	- .920	.957	34. 256	27. 567	29. 963	32. 328	36. 973	52. 90	0. 000	1444. 0	0
10	- .955	- .956	.929	34. 262	27. 573	29. 969	32. 336	36. 981	52. 31	.005	1444. 0	10
20	-1. 013	-1. 013	.860	34. 273	27. 585	29. 981	32. 348	36. 995	51. 19	.010	1443. 9	20
30	- .999	-1. 000	.902	34. 288	27. 597	29. 993	32. 360	37. 006	50. 04	.015	1444. 2	30
40	-1. 119	-1. 120	.791	34. 302	27. 612	30. 010	32. 379	37. 028	48. 54	.020	1443. 8	40
50	-1. 201	-1. 203	.718	34. 327	27. 635	30. 034	32. 404	37. 056	46. 32	.025	1443. 6	50
60	-1. 071	-1. 073	.857	34. 358	27. 655	30. 053	32. 420	37. 068	44. 34	.030	1444. 4	60
70	- .911	- .913	1. 027	34. 383	27. 670	30. 065	32. 430	37. 072	42. 96	.034	1445. 4	71
80	- .870	- .872	1. 075	34. 394	27. 677	30. 071	32. 436	37. 077	42. 23	.038	1445. 8	81
90	- .967	- .970	.986	34. 400	27. 686	30. 082	32. 447	37. 091	41. 39	.043	1445. 5	91
100	- .964	- .967	.997	34. 408	27. 692	30. 087	32. 453	37. 097	40. 76	.047	1445. 7	101
125	-1. 171	-1. 174	.812	34. 442	27. 727	30. 126	32. 494	37. 145	37. 28	.056	1445. 2	126
150	-1. 340	-1. 344	.664	34. 487	27. 769	30. 171	32. 542	37. 197	33. 10	.065	1444. 9	151
175	-1. 444	-1. 448	.580	34. 496	27. 780	30. 183	32. 555	37. 213	31. 94	.073	1444. 8	176
200	-1. 239	-1. 244	.306	34. 538	27. 807	30. 206	32. 576	37. 227	29. 39	.081	1446. 2	202
225	-1. 493	-1. 498	.571	34. 538	27. 815	30. 218	32. 592	37. 251	28. 37	.088	1445. 4	227
250	-1. 797	-1. 803	.286	34. 545	27. 829	30. 237	32. 615	37. 284	26. 66	.095	1444. 4	252
275	-1. 829	-1. 835	.274	34. 567	27. 848	30. 256	32. 634	37. 304	24. 77	.101	1444. 7	277
300	-1. 842	-1. 849	.282	34. 579	27. 858	30. 267	32. 645	37. 315	23. 63	.108	1445. 1	302
325	-1. 861	-1. 869	.282	34. 594	27. 871	30. 280	32. 659	37. 329	22. 26	.113	1445. 4	328
350	-1. 861	-1. 869	.302	34. 609	27. 883	30. 291	32. 671	37. 340	21. 02	.119	1445. 9	353
375	-1. 877	-1. 886	.305	34. 622	27. 894	30. 303	32. 682	37. 352	19. 81	.124	1446. 2	378
400	-1. 908	-1. 918	.294	34. 639	27. 908	30. 318	32. 697	37. 369	18. 25	.129	1446. 5	403
425	-1. 942	-1. 952	.281	34. 666	27. 931	30. 341	32. 721	37. 393	15. 94	.133	1446. 8	429
450	-1. 947	-1. 958	.296	34. 695	27. 954	30. 365	32. 744	37. 416	13. 60	.137	1447. 3	454
475	-1. 997	-2. 008	.266	34. 695	27. 956	30. 367	32. 748	37. 421	13. 23	.140	1447. 4	479
500	-1. 968	-1. 980	.315	34. 729	27. 982	30. 393	32. 773	37. 445	10. 63	.143	1448. 0	504
550	-1. 962	-1. 976	.361	34. 757	28. 005	30. 416	32. 795	37. 467	8. 22	.148	1448. 9	555
600	-1. 941	-1. 956	.422	34. 791	28. 032	30. 442	32. 821	37. 492	5. 45	.151	1449. 9	605
650	-1. 919	-1. 937	.483	34. 814	28. 050	30. 460	32. 839	37. 509	3. 50	.153	1450. 9	656
680	-1. 909	-1. 927	.517	34. 820	28. 055	30. 464	32. 843	37. 513	2. 91	.154	1451. 5	686

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	2. 1S	179	47. 0E	570	693	994. 0	250	11	-6. 2	0	875	0	23	26JAN78	BI	78 2 114

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM. 5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-0. 92	-0. 92	0. 96	34. 282	27. 59	29. 98							0	114
670	-1. 91	-1. 93	0. 51	34. 825	28. 06	30. 47							0	114

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .922	- .922	.956	34. 286	27. 592	29. 987	32. 353	36. 997	50. 60	0. 000	1444. 0	0
10	- .959	- .959	.928	34. 294	27. 599	29. 995	32. 361	37. 006	49. 85	.005	1444. 1	10
20	-1. 018	-1. 019	.876	34. 293	27. 601	29. 998	32. 365	37. 012	49. 65	.010	1443. 9	20
30	-1. 018	-1. 019	.884	34. 293	27. 601	29. 998	32. 365	37. 012	49. 61	.015	1444. 1	30
40	- .968	- .969	.943	34. 335	27. 633	30. 029	32. 395	37. 040	46. 52	.020	1444. 6	40
50	- .933	- .935	.986	34. 334	27. 631	30. 027	32. 392	37. 036	46. 68	.024	1444. 9	50
60	- .881	- .883	1. 047	34. 356	27. 647	30. 041	32. 406	37. 048	45. 18	.029	1445. 3	60
70	- .895	- .897	1. 043	34. 386	27. 671	30. 066	32. 430	37. 073	42. 83	.033	1445. 5	71
80	- .902	- .904	1. 043	34. 396	27. 680	30. 074	32. 439	37. 082	41. 99	.038	1445. 6	81
90	- .975	- .977	.980	34. 417	27. 700	30. 096	32. 462	37. 106	40. 02	.042	1445. 5	91
100	- .924	- .927	1. 039	34. 435	27. 712	30. 107	32. 472	37. 115	38. 83	.046	1445. 9	101
125	-1. 206	-1. 209	.777	34. 459	27. 742	30. 141	32. 511	37. 162	35. 82	.055	1445. 0	126
150	-1. 320	-1. 324	.684	34. 500	27. 779	30. 180	32. 550	37. 205	32. 21	.064	1445. 0	151
175	-1. 429	-1. 434	.595	34. 515	27. 795	30. 197	32. 569	37. 227	30. 57	.071	1444. 9	176
200	-1. 250	-1. 256	.795	34. 540	27. 809	30. 209	32. 578	37. 230	29. 18	.079	1446. 2	202
225	-1. 514	-1. 520	.551	34. 565	27. 838	30. 241	32. 615	37. 274	26. 20	.086	1445. 4	227
250	-1. 784	-1. 790	.301	34. 573	27. 852	30. 259	32. 637	37. 305	24. 57	.092	1444. 5	252
275	-1. 839	-1. 845	.266	34. 590	27. 867	30. 276	32. 654	37. 323	22. 92	.098	1444. 7	277
300	-1. 853	-1. 860	.271	34. 603	27. 877	30. 286	32. 665	37. 335	21. 80	.104	1445. 1	302
325	-1. 872	-1. 880	.272	34. 617	27. 889	30. 298	32. 677	37. 347	20. 53	.109	1445. 4	328
350	-1. 875	-1. 883	.290	34. 633	27. 903	30. 312	32. 691	37. 361	19. 11	.114	1445. 9	353
375	-1. 892	-1. 901	.293	34. 652	27. 918	30. 327	32. 706	37. 377	17. 50	.118	1446. 2	378
400	-1. 928	-1. 937	.276	34. 665	27. 930	30. 340	32. 719	37. 391	16. 21	.123	1446. 5	403
425	-1. 952	-1. 962	.272	34. 685	27. 947	30. 357	32. 737	37. 409	14. 47	.127	1446. 8	429
450	-1. 950	-1. 961	.294	34. 703	27. 961	30. 371	32. 751	37. 423	12. 94	.130	1447. 3	454
475	-1. 975	-1. 986	.289	34. 723	27. 978	30. 388	32. 769	37. 441	11. 18	.133	1447. 6	479
500	-1. 982	-1. 994	.302	34. 738	27. 991	30. 401	32. 781	37. 454	9. 84	.136	1448. 0	504
550	-1. 959	-1. 973	.366	34. 788	28. 030	30. 440	32. 820	37. 492	5. 86	.140	1449. 0	555
600	-1. 930	-1. 946	.434	34. 816	28. 053	30. 462	32. 841	37. 511	3. 56	.142	1450. 0	605
650	-1. 917	-1. 934	.486	34. 820	28. 055	30. 465	32. 844	37. 514	3. 04	.144	1450. 9	656
682	-1. 909	-1. 927	.518	34. 823	28. 058	30. 467	32. 846	37. 515	2. 67	.144	1451. 5	688



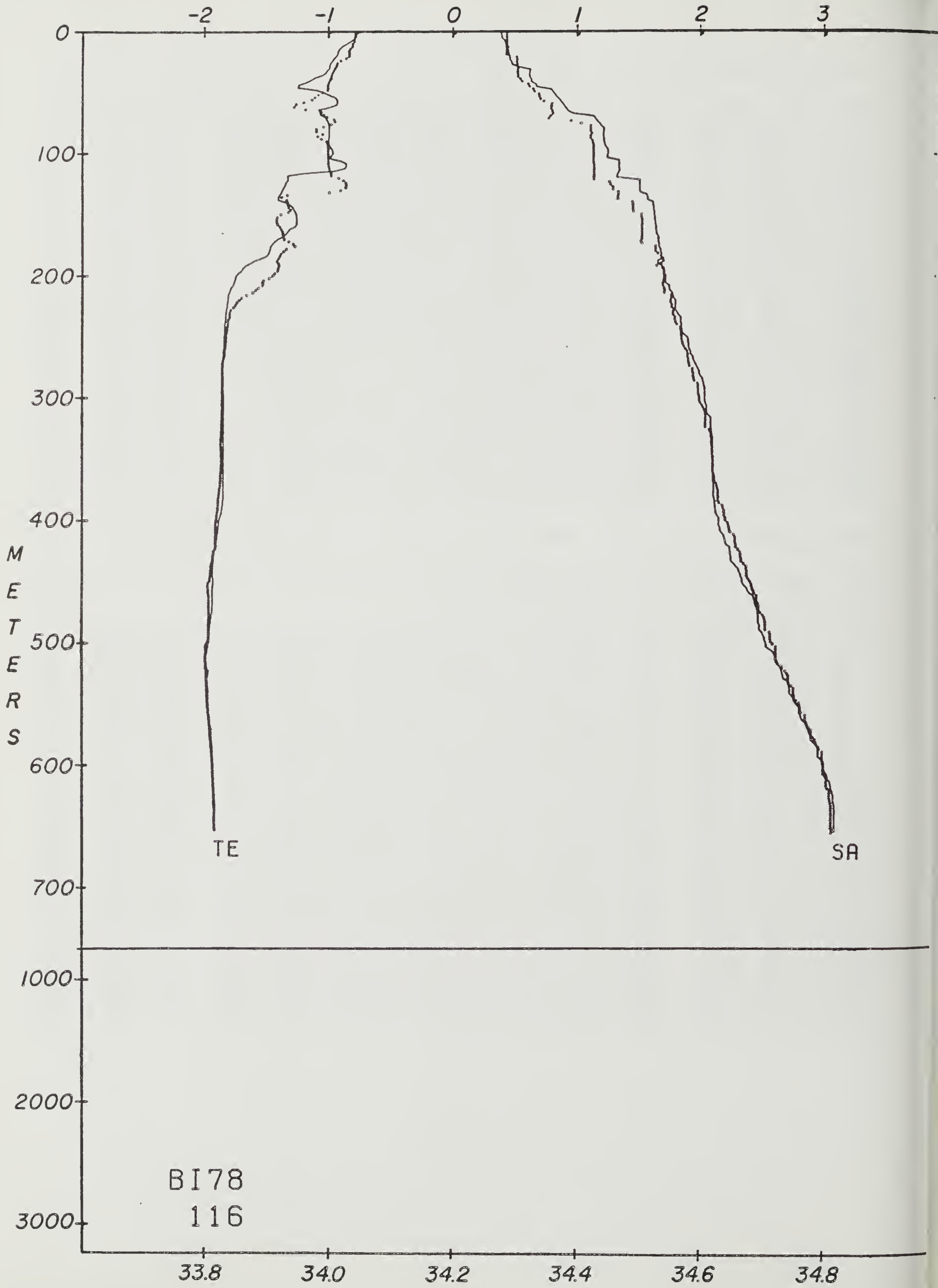
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 55.8S	179 58.4W	569	683	994.6	240	5	-4.6	0		0	0	851	26JAN78	BI	78	1	115

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.860	-1.860	1.016	34.242	27.554	29.948	32.313	36.956	54.19	0.000	1444.3	0
10	-1.918	-1.918	.966	34.244	27.558	29.953	32.319	36.963	53.76	.005	1444.2	10
20	-1.004	-1.004	.889	34.264	27.577	29.974	32.341	36.987	51.92	.011	1444.0	20
30	-1.010	-1.011	.891	34.278	27.589	29.985	32.352	36.999	50.78	.016	1444.1	30
40	-1.020	-1.021	.889	34.277	27.588	29.985	32.352	36.999	50.79	.021	1444.2	40
50	-1.018	-1.019	.898	34.278	27.589	29.986	32.353	37.000	50.67	.026	1444.4	50
60	-1.008	-1.009	.916	34.281	27.591	29.987	32.354	37.001	50.47	.031	1444.6	60
70	-1.990	-1.992	.942	34.290	27.597	29.994	32.361	37.007	49.79	.036	1444.9	71
80	-1.095	-1.098	.844	34.295	27.606	30.004	32.372	37.021	48.95	.041	1444.6	81
90	-1.037	-1.039	.911	34.309	27.615	30.012	32.379	37.026	48.07	.046	1445.0	91
100	-1.005	-1.008	.951	34.321	27.623	30.020	32.386	37.033	47.25	.051	1445.4	101
125	-1.752	-1.755	.226	34.380	27.694	30.102	32.480	37.149	40.15	.062	1442.3	126
150	-1.551	-1.554	.431	34.439	27.737	30.141	32.516	37.178	36.10	.071	1443.8	151
175	-1.421	-1.426	.603	34.508	27.788	30.190	32.563	37.220	31.16	.079	1444.9	176
200	-1.634	-1.639	.412	34.549	27.828	30.234	32.609	37.273	27.13	.087	1444.4	202
225	-1.505	-1.511	.559	34.546	27.822	30.226	32.599	37.259	27.68	.094	1445.4	227
250	-1.788	-1.794	.296	34.554	27.836	30.244	32.622	37.291	25.99	.100	1444.5	252
275	-1.843	-1.849	.261	34.570	27.851	30.260	32.638	37.308	24.44	.107	1444.7	277
300	-1.857	-1.864	.266	34.585	27.863	30.272	32.651	37.321	23.13	.113	1445.0	302
325	-1.862	-1.870	.281	34.599	27.875	30.283	32.662	37.333	21.91	.118	1445.5	328
350	-1.869	-1.877	.294	34.611	27.885	30.293	32.673	37.343	20.82	.124	1445.9	353
375	-1.883	-1.892	.299	34.622	27.894	30.303	32.682	37.353	19.78	.129	1446.2	378
400	-1.917	-1.927	.285	34.640	27.909	30.319	32.699	37.370	18.15	.133	1446.5	403
425	-1.920	-1.930	.303	34.654	27.920	30.330	32.710	37.381	16.95	.138	1446.9	429
450	-1.955	-1.966	.288	34.688	27.949	30.359	32.739	37.412	14.07	.142	1447.2	454
475	-1.964	-1.975	.299	34.695	27.955	30.365	32.745	37.418	13.35	.145	1447.6	479
500	-1.990	-2.002	.293	34.722	27.977	30.388	32.768	37.441	11.09	.148	1447.9	504
550	-1.960	-1.974	.363	34.763	28.010	30.420	32.800	37.472	7.73	.153	1449.0	555
600	-1.947	-1.962	.416	34.790	28.031	30.441	32.820	37.492	5.50	.156	1449.9	605
650	-1.914	-1.932	.488	34.820	28.055	30.464	32.843	37.513	3.05	.158	1450.9	656
674	-1.908	-1.926	.513	34.822	28.057	30.466	32.845	37.514	2.79	.159	1451.4	680

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 55.8S	179 58.4W	569	683	994.6	240	6	-4.4	0		0	0	1002	26JAN78	BI	78	2	115

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-0.88	-0.88	1.00	34.272	27.58	29.97							0	115
664	-1.92	-1.94	0.49	34.824	28.06	30.47							0	115

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.887	-1.887	.990	34.268	27.576	29.971	32.336	36.979	52.10	0.000	1444.2	0
10	-1.907	-1.907	.979	34.282	27.588	29.983	32.349	36.992	50.89	.005	1444.3	10
20	-1.037	-1.037	.857	34.286	27.596	29.993	32.361	37.008	50.10	.010	1443.8	20
30	-1.029	-1.030	.872	34.291	27.600	29.997	32.364	37.011	49.70	.015	1444.0	30
40	-1.021	-1.022	.888	34.294	27.602	29.999	32.366	37.013	49.48	.020	1444.3	40
50	-1.008	-1.009	.909	34.299	27.606	30.002	32.369	37.016	49.08	.025	1444.5	50
60	-1.994	-1.995	.932	34.306	27.611	30.007	32.373	37.019	48.58	.030	1444.7	60
70	-1.999	-1.001	.934	34.306	27.611	30.008	32.374	37.021	48.49	.035	1444.9	71
80	-1.051	-1.053	.890	34.320	27.624	30.022	32.389	37.036	47.20	.040	1444.8	81
90	-1.242	-1.244	.707	34.318	27.629	30.029	32.399	37.053	46.69	.044	1444.1	91
100	-1.280	-1.283	.676	34.318	27.630	30.031	32.402	37.056	46.53	.049	1444.1	101
125	-1.419	-1.422	.559	34.373	27.679	30.082	32.454	37.113	41.73	.060	1443.9	126
150	-1.202	-1.206	.801	34.471	27.752	30.151	32.520	37.171	34.83	.070	1445.5	151
175	-1.596	-1.600	.428	34.506	27.792	30.197	32.573	37.235	30.69	.078	1444.1	176
200	-1.280	-1.285	.765	34.543	27.812	30.212	32.582	37.235	28.88	.085	1446.0	202
225	-1.660	-1.665	.404	34.544	27.825	30.231	32.607	37.271	27.32	.092	1444.7	227
250	-1.774	-1.780	.311	34.581	27.858	30.265	32.643	37.310	24.02	.099	1444.6	252
275	-1.845	-1.851	.260	34.594	27.870	30.279	32.658	37.327	22.63	.104	1444.7	277
300	-1.867	-1.874	.258	34.603	27.878	30.287	32.666	37.336	21.73	.110	1445.0	302
325	-1.870	-1.878	.274	34.621	27.893	30.302	32.681	37.351	20.17	.115	1445.4	328
350	-1.881	-1.889	.284	34.633	27.903	30.312	32.691	37.361	19.10	.120	1445.8	353
375	-1.892	-1.901	.292	34.642	27.910	30.320	32.699	37.369	18.23	.125	1446.2	378
400	-1.915	-1.924	.289	34.659	27.925	30.334	32.714	37.385	16.70	.129	1446.5	403
425	-1.919	-1.929	.305	34.679	27.941	30.351	32.730	37.402	14.99	.133	1447.0	429
450	-1.954	-1.964	.291	34.707	27.965	30.375	32.755	37.426	12.62	.137	1447.2	454
475	-1.961	-1.972	.303	34.718	27.974	30.384	32.764	37.436	11.61	.140	1447.6	479
500	-1.995	-2.007	.289	34.739	27.992	30.402	32.783	37.456	9.74	.142	1447.9	504
550	-1.954	-1.968	.371	34.783	28.028	30.438	32.817	37.489	6.11	.146	1449.0	555
600	-1.935	-1.950	.430	34.814	28.051	30.461	32.840	37.510	3.70	.149	1450.0	605
650	-1.913	-1.930	.490	34.820	28.055	30.464	32.843	37.513	3.05	.150	1450.9	656
673	-1.909	-1.927	.512	34.821	28.056	30.465	32.844	37.514	2.87	.151	1451.3	679



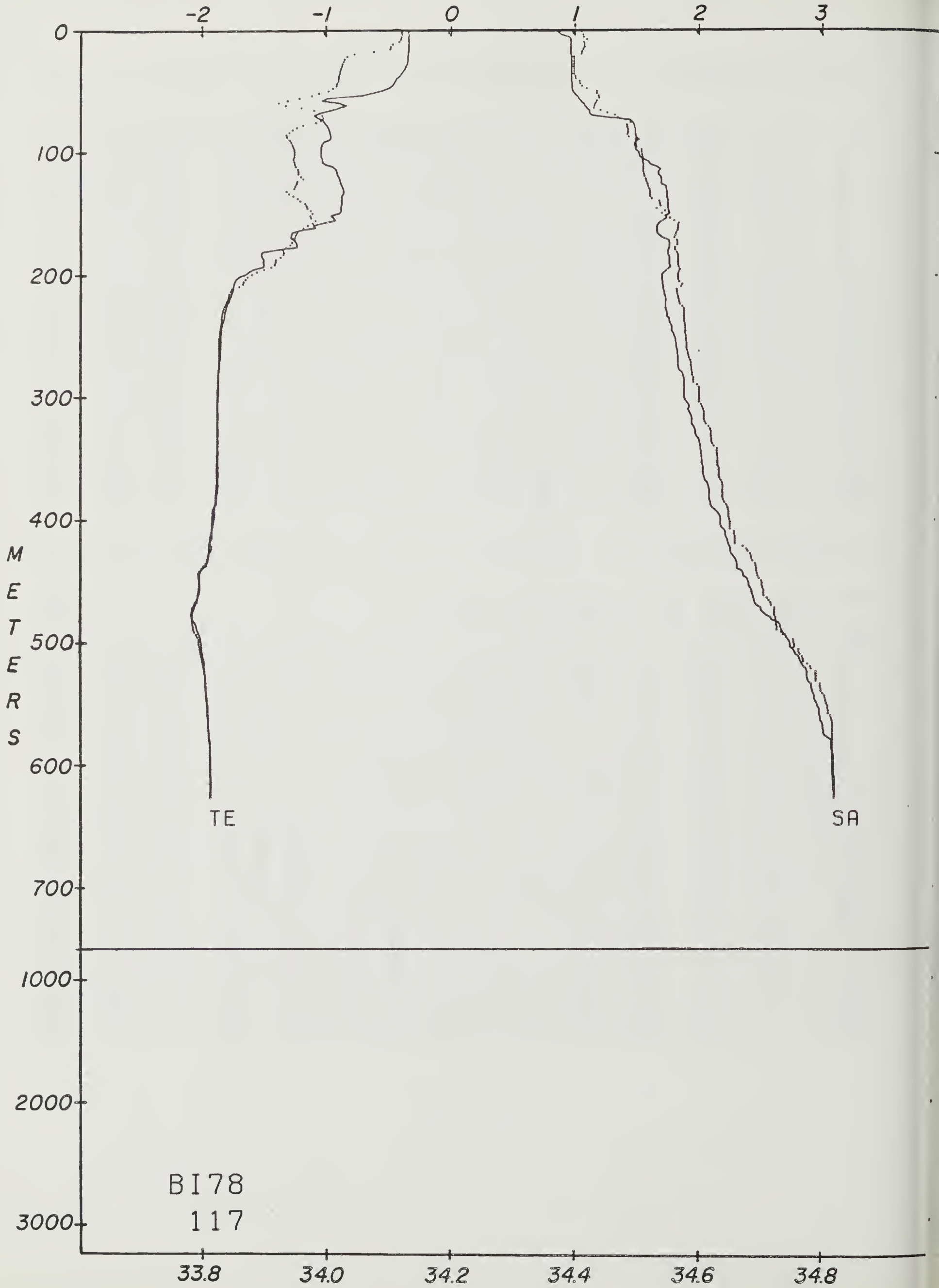
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 46.3S	179 43.5W	569	662	995.0	230	10	-4.1	0	0	0	1111	26JAN78	BI	78	1	116

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .764	- .764	1.114	34.274	27.576	29.969	32.332	36.972	52.09	0.000	1444.8	0
10	- .849	- .849	1.037	34.281	27.585	29.979	32.343	36.985	51.23	.005	1444.5	10
20	- .954	- .954	.940	34.287	27.594	29.989	32.355	37.000	50.35	.010	1444.2	20
30	-1.021	-1.022	.882	34.304	27.610	30.007	32.374	37.021	48.74	.015	1444.1	30
40	-1.136	-1.137	.775	34.322	27.629	30.027	32.396	37.046	46.95	.020	1443.8	40
50	-1.126	-1.128	.794	34.358	27.658	30.056	32.424	37.074	44.15	.025	1444.0	50
60	- .949	- .951	.980	34.374	27.664	30.059	32.425	37.069	43.57	.029	1445.0	60
70	-1.080	-1.082	.859	34.418	27.704	30.102	32.469	37.117	39.68	.033	1444.6	71
80	-1.015	-1.018	.933	34.440	27.720	30.116	32.483	37.128	38.16	.037	1445.1	81
90	-1.017	-1.020	.938	34.441	27.721	30.117	32.484	37.129	38.03	.041	1445.3	91
100	- .984	- .987	.979	34.448	27.725	30.121	32.486	37.131	37.62	.045	1445.6	101
125	-1.356	-1.359	.630	34.500	27.780	30.181	32.553	37.208	32.20	.053	1444.4	126
150	-1.284	-1.288	.722	34.524	27.797	30.198	32.568	37.220	30.49	.061	1445.2	151
175	-1.459	-1.463	.567	34.532	27.809	30.212	32.585	37.243	29.15	.069	1444.8	176
200	-1.736	-1.740	.309	34.540	27.824	30.231	32.608	37.274	27.53	.076	1443.9	202
225	-1.824	-1.829	.241	34.559	27.841	30.250	32.628	37.297	25.66	.082	1443.9	227
250	-1.847	-1.852	.238	34.578	27.857	30.266	32.645	37.314	23.99	.089	1444.3	252
275	-1.860	-1.866	.245	34.595	27.872	30.281	32.659	37.329	22.48	.094	1444.6	277
300	-1.851	-1.858	.274	34.607	27.881	30.289	32.668	37.338	21.47	.100	1445.1	302
325	-1.849	-1.857	.295	34.617	27.889	30.298	32.677	37.346	20.55	.105	1445.5	328
350	-1.849	-1.857	.314	34.621	27.892	30.301	32.679	37.349	20.12	.110	1446.0	353
375	-1.849	-1.858	.333	34.622	27.893	30.302	32.681	37.350	19.90	.115	1446.4	378
400	-1.876	-1.886	.326	34.631	27.901	30.310	32.689	37.359	18.98	.120	1446.7	403
425	-1.912	-1.922	.310	34.650	27.917	30.327	32.706	37.377	17.29	.125	1446.9	429
450	-1.931	-1.942	.311	34.669	27.933	30.343	32.723	37.395	15.57	.129	1447.3	454
475	-1.937	-1.949	.325	34.694	27.954	30.364	32.743	37.415	13.52	.132	1447.7	479
500	-1.972	-1.984	.310	34.707	27.965	30.375	32.755	37.428	12.28	.136	1448.0	504
550	-1.976	-1.990	.347	34.755	28.004	30.415	32.795	37.467	8.28	.141	1448.9	555
600	-1.930	-1.946	.433	34.800	28.040	30.449	32.829	37.499	4.75	.144	1450.0	605
650	-1.913	-1.930	.490	34.820	28.055	30.464	32.843	37.513	3.06	.146	1450.9	656
655	-1.909	-1.926	.498	34.820	28.055	30.464	32.843	37.513	3.05	.146	1451.0	661

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 45.6S	179 45.3W	569	662	995.5	230	10	-5.3	0	0	0	1229	26JAN78	BI	78	2	116

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.78	-0.78	1.10	34.299	27.60	29.99							0	116
637	-1.88	-1.90	0.51	34.820	28.05	30.46							0	116

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .811	- .811	1.068	34.283	27.585	29.979	32.342	36.983	51.23	0.000	1444.6	0
10	- .819	- .819	1.067	34.283	27.585	29.979	32.343	36.984	51.17	.005	1444.7	10
20	- .857	- .857	1.037	34.286	27.590	29.984	32.348	36.991	50.74	.010	1444.7	20
30	- .961	- .962	.941	34.301	27.605	30.001	32.367	37.012	49.20	.015	1444.4	30
40	-1.006	-1.007	.904	34.305	27.610	30.006	32.373	37.019	48.73	.020	1444.3	40
50	-1.041	-1.042	.878	34.329	27.631	30.028	32.395	37.042	46.73	.025	1444.4	50
60	-1.226	-1.227	.703	34.356	27.659	30.059	32.429	37.081	43.96	.029	1443.7	60
70	-1.055	-1.057	.880	34.354	27.652	30.049	32.416	37.064	44.65	.034	1444.7	71
80	-1.064	-1.066	.883	34.419	27.705	30.102	32.469	37.116	39.61	.038	1444.9	81
90	-1.077	-1.079	.878	34.421	27.707	30.104	32.471	37.119	39.38	.042	1445.0	91
100	-1.023	-1.025	.940	34.424	27.707	30.103	32.470	37.116	39.30	.046	1445.4	101
125	- .885	- .889	1.098	34.451	27.724	30.118	32.482	37.124	37.67	.056	1446.5	126
150	-1.345	-1.349	.660	34.502	27.782	30.183	32.554	37.209	31.95	.064	1444.8	151
175	-1.319	-1.323	.706	34.516	27.792	30.192	32.563	37.217	30.89	.072	1445.4	176
200	-1.450	-1.455	.595	34.541	27.816	30.219	32.592	37.250	28.37	.080	1445.2	202
225	-1.757	-1.762	.308	34.553	27.835	30.242	32.619	37.287	26.32	.086	1444.2	227
250	-1.834	-1.839	.251	34.569	27.849	30.258	32.636	37.306	24.75	.093	1444.3	252
275	-1.866	-1.872	.238	34.585	27.863	30.272	32.651	37.322	23.25	.099	1444.6	277
300	-1.866	-1.873	.258	34.598	27.874	30.283	32.661	37.332	22.14	.104	1445.0	302
325	-1.870	-1.878	.274	34.610	27.884	30.293	32.672	37.342	21.02	.110	1445.4	328
350	-1.872	-1.880	.292	34.620	27.892	30.301	32.680	37.350	20.12	.115	1445.9	353
375	-1.881	-1.890	.302	34.629	27.899	30.308	32.688	37.358	19.29	.120	1446.2	378
400	-1.908	-1.918	.294	34.642	27.911	30.320	32.700	37.371	18.04	.125	1446.5	403
425	-1.916	-1.926	.307	34.664	27.928	30.338	32.717	37.389	16.22	.129	1447.0	429
450	-1.960	-1.971	.282	34.681	27.944	30.354	32.734	37.407	14.56	.133	1447.2	454
475	-1.967	-1.979	.296	34.697	27.957	30.367	32.747	37.420	13.21	.136	1447.6	479
500	-1.967	-1.979	.316	34.715	27.972	30.382	32.762	37.434	11.65	.139	1448.0	504
550	-1.972	-1.986	.351	34.760	28.008	30.419	32.799	37.471	7.91	.144	1448.9	555
600	-1.930	-1.945	.434	34.801	28.040	30.450	32.829	37.499	4.71	.147	1450.0	605
650	-1.913	-1.930	.489	34.814	28.050	30.460	32.839	37.508	3.51	.149	1450.9	656
656	-1.909	-1.926	.498	34.815	28.051	30.460	32.839	37.509	3.42	.150	1451.1	662



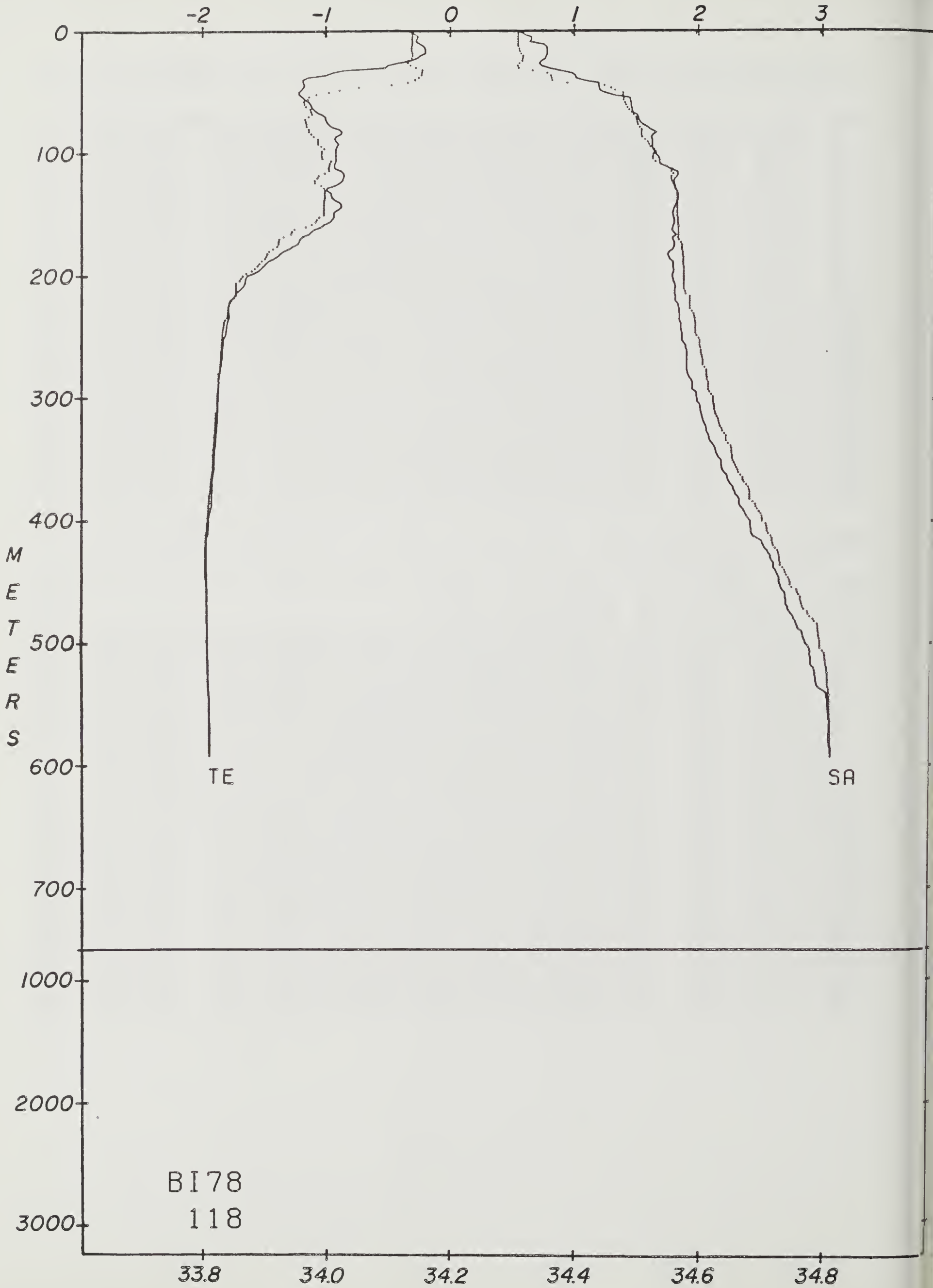
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 29.2S	179 6.4W	569	634	996.0	190	7	-4.8	0		0	0	1448	26JAN78	BI	78	1	117

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-329	-329	1.555	34.377	27.640	30.026	32.382	37.008	46.00	0.000	1446.9	0
10	-324	-324	1.569	34.397	27.656	30.042	32.398	37.023	44.48	.005	1447.1	10
20	-328	-329	1.572	34.397	27.657	30.042	32.398	37.024	44.43	.009	1447.3	20
30	-348	-349	1.560	34.398	27.658	30.044	32.401	37.027	44.25	.013	1447.4	30
40	-418	-419	1.498	34.398	27.661	30.049	32.406	37.034	43.93	.018	1447.2	40
50	-544	-545	1.379	34.400	27.669	30.058	32.417	37.049	43.18	.022	1446.8	50
60	-899	-901	1.033	34.417	27.697	30.091	32.456	37.098	40.47	.026	1445.3	60
70	-1.067	-1.069	.873	34.435	27.718	30.115	32.482	37.129	38.40	.030	1444.7	71
80	-968	-970	.984	34.500	27.766	30.161	32.527	37.170	33.79	.034	1445.5	81
90	-964	-966	.996	34.506	27.771	30.167	32.532	37.175	33.28	.037	1445.6	91
100	-1.027	-1.030	.940	34.504	27.772	30.168	32.535	37.180	33.16	.041	1445.5	101
125	-867	-871	1.121	34.544	27.798	30.191	32.555	37.195	30.69	.049	1446.7	126
150	-888	-892	1.120	34.555	27.808	30.202	32.566	37.206	29.68	.056	1447.1	151
175	-1.224	-1.229	.803	34.556	27.821	30.220	32.589	37.240	28.17	.063	1445.9	176
200	-1.635	-1.640	.410	34.545	27.825	30.231	32.606	37.270	27.45	.070	1444.4	202
225	-1.781	-1.786	.283	34.550	27.833	30.241	32.619	37.286	26.48	.077	1444.1	227
250	-1.831	-1.837	.253	34.564	27.846	30.254	32.633	37.302	25.09	.083	1444.3	252
275	-1.846	-1.852	.258	34.570	27.851	30.260	32.639	37.308	24.43	.090	1444.7	277
300	-1.856	-1.863	.267	34.580	27.859	30.268	32.647	37.317	23.51	.096	1445.0	302
325	-1.859	-1.866	.284	34.596	27.872	30.281	32.660	37.330	22.14	.101	1445.5	328
350	-1.859	-1.867	.304	34.608	27.882	30.291	32.670	37.339	21.08	.107	1445.9	353
375	-1.859	-1.868	.323	34.620	27.891	30.300	32.679	37.349	20.05	.112	1446.3	378
400	-1.905	-1.914	.297	34.638	27.907	30.317	32.696	37.367	18.34	.117	1446.6	403
425	-1.933	-1.943	.289	34.654	27.921	30.331	32.711	37.383	16.86	.121	1446.9	429
450	-2.008	-2.019	.225	34.683	27.946	30.358	32.738	37.412	14.25	.125	1447.0	454
475	-2.073	-2.084	.191	34.706	27.966	30.378	32.760	37.436	12.15	.128	1447.1	479
500	-1.995	-2.007	.290	34.750	28.000	30.411	32.791	37.464	8.91	.131	1447.9	504
550	-1.946	-1.960	.379	34.794	28.035	30.445	32.824	37.495	5.46	.135	1449.1	555
600	-1.918	-1.933	.447	34.822	28.057	30.466	32.845	37.515	3.16	.137	1450.1	605
627	-1.918	-1.934	.468	34.823	28.058	30.467	32.846	37.516	2.94	.138	1450.5	633

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 28.5S	179 6.9W	569	634	996.3	210	12	-5.0	0		0	0	1600	26JAN78	BI	78	2	117

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.36	-0.36	1.53	34.409	27.67	30.05							0	117
619	-1.92	-1.94	0.46	34.824	28.06	30.47							0	117

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-383	-383	1.503	34.412	27.671	30.057	32.414	37.041	43.09	0.000	1446.7	0
10	-405	-405	1.489	34.420	27.678	30.065	32.422	37.050	42.40	.004	1446.8	10
20	-739	-740	1.162	34.411	27.686	30.078	32.440	37.077	41.64	.008	1445.4	20
30	-859	-859	1.049	34.402	27.683	30.077	32.441	37.082	41.85	.013	1445.0	30
40	-885	-886	1.031	34.406	27.687	30.082	32.446	37.088	41.44	.017	1445.0	40
50	-973	-974	.952	34.437	27.716	30.111	32.477	37.121	38.70	.021	1444.8	50
60	-1.348	-1.350	.584	34.437	27.729	30.130	32.502	37.157	37.35	.025	1443.3	60
70	-1.015	-1.017	.927	34.466	27.741	30.137	32.503	37.148	36.25	.028	1445.0	71
80	-1.218	-1.220	.733	34.488	27.766	30.165	32.534	37.185	33.81	.032	1444.3	81
90	-1.279	-1.281	.680	34.501	27.778	30.178	32.548	37.201	32.54	.035	1444.2	91
100	-1.238	-1.241	.729	34.511	27.785	30.185	32.554	37.206	31.85	.038	1444.5	101
125	-1.219	-1.223	.768	34.520	27.792	30.191	32.560	37.211	31.14	.046	1445.1	126
150	-1.093	-1.098	.914	34.548	27.810	30.207	32.574	37.221	29.40	.054	1446.1	151
175	-1.264	-1.269	.764	34.569	27.833	30.232	32.602	37.254	27.05	.061	1445.7	176
200	-1.582	-1.587	.465	34.570	27.844	30.249	32.623	37.285	25.69	.067	1444.7	202
225	-1.796	-1.802	.269	34.575	27.854	30.262	32.640	37.309	24.52	.074	1444.1	227
250	-1.843	-1.848	.243	34.583	27.861	30.270	32.648	37.318	23.62	.080	1444.3	252
275	-1.847	-1.854	.258	34.592	27.868	30.277	32.656	37.325	22.81	.086	1444.7	277
300	-1.861	-1.868	.264	34.604	27.879	30.288	32.666	37.336	21.67	.091	1445.0	302
325	-1.863	-1.871	.281	34.620	27.892	30.301	32.680	37.349	20.27	.096	1445.5	328
350	-1.865	-1.873	.300	34.634	27.903	30.312	32.691	37.361	19.08	.101	1445.9	353
375	-1.871	-1.880	.313	34.642	27.910	30.319	32.697	37.368	18.30	.106	1446.3	378
400	-1.888	-1.998	.315	34.653	27.919	30.329	32.707	37.378	17.25	.110	1446.7	403
425	-1.914	-1.924	.310	34.682	27.943	30.353	32.732	37.403	14.81	.114	1447.0	429
450	-2.011	-2.022	.233	34.704	27.963	30.375	32.755	37.429	12.66	.118	1447.0	454
475	-2.059	-2.070	.206	34.726	27.982	30.394	32.776	37.451	10.66	.121	1447.2	479
500	-2.013	-2.025	.273	34.757	28.006	30.417	32.798	37.471	8.32	.123	1447.9	504
550	-1.941	-1.955	.385	34.810	28.048	30.457	32.827	37.508	4.24	.126	1449.1	555
600	-1.917	-1.932	.448	34.820	28.055	30.464	32.843	37.513	3.32	.128	1450.1	605
627	-1.917	-1.933	.469	34.823	28.058	30.467	32.846	37.516	2.94	.129	1450.5	633



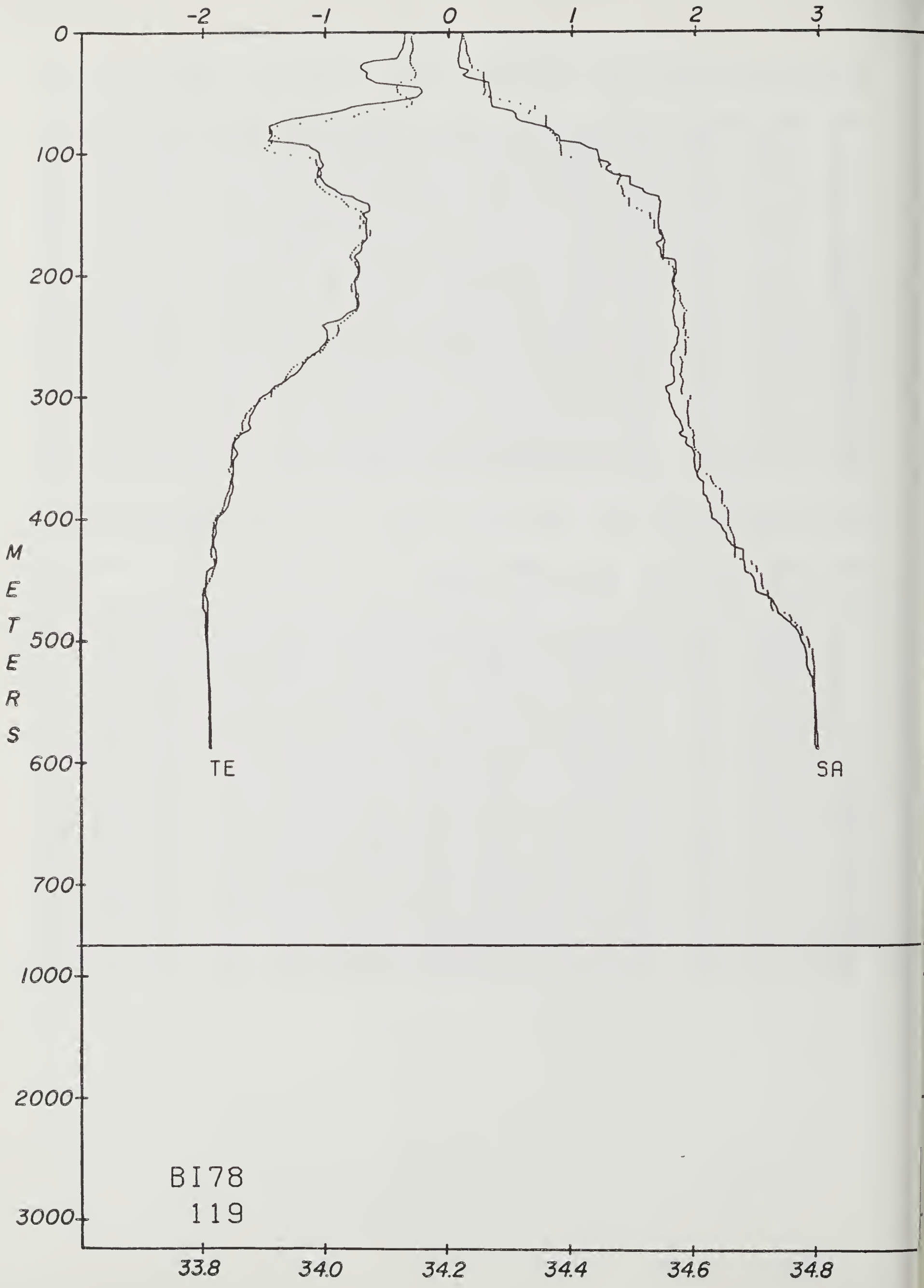
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 58.0S	178 21.8W	569	600	997.5	230	12	-3.0	0	0	0	0	1942	26JAN78	BI	78	1	118

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.309	-1.309	1.571	34.317	27.591	29.977	32.333	36.958	50.67	0.000	1446.9	0
10	-1.258	-1.259	1.631	34.338	27.606	29.991	32.346	36.970	49.25	.005	1447.4	10
20	-1.195	-1.196	1.703	34.361	27.621	30.005	32.359	36.981	47.82	.010	1447.8	20
30	-1.494	-1.495	1.411	34.353	27.628	30.017	32.376	37.006	47.07	.015	1446.6	30
40	-1.106	-1.107	.810	34.409	27.698	30.095	32.463	37.112	40.41	.019	1444.0	40
50	-1.181	-1.182	.745	34.446	27.731	30.130	32.498	37.149	37.21	.023	1443.9	50
60	-1.120	-1.121	.817	34.495	27.768	30.166	32.533	37.181	33.67	.026	1444.4	60
70	-1.015	-1.017	.929	34.505	27.773	30.169	32.535	37.180	33.22	.030	1445.1	71
80	-1.928	-1.931	1.024	34.522	27.783	30.177	32.542	37.184	32.24	.033	1445.7	81
90	-1.913	-1.916	1.047	34.529	27.788	30.182	32.547	37.188	31.73	.036	1445.9	91
100	-1.901	-1.904	1.068	34.535	27.792	30.186	32.550	37.192	31.32	.039	1446.1	101
125	-1.860	-1.864	1.129	34.564	27.814	30.208	32.571	37.211	29.13	.047	1446.8	126
150	-1.915	-1.919	1.094	34.562	27.815	30.209	32.573	37.215	28.99	.054	1446.9	151
175	-1.202	-1.207	.825	34.565	27.828	30.226	32.595	37.245	27.56	.061	1446.0	176
200	-1.564	-1.569	.482	34.562	27.837	30.241	32.615	37.277	26.38	.068	1444.7	202
225	-1.760	-1.765	.306	34.572	27.850	30.257	32.634	37.302	24.89	.074	1444.2	227
250	-1.787	-1.793	.298	34.578	27.856	30.264	32.641	37.309	24.18	.081	1444.5	252
275	-1.821	-1.828	.283	34.586	27.863	30.272	32.650	37.319	23.32	.086	1444.8	277
300	-1.845	-1.852	.280	34.602	27.877	30.286	32.664	37.334	21.85	.092	1445.1	302
325	-1.856	-1.863	.289	34.617	27.889	30.298	32.677	37.346	20.53	.097	1445.5	328
350	-1.876	-1.884	.288	34.638	27.907	30.316	32.695	37.365	18.72	.102	1445.9	353
375	-1.893	-1.902	.292	34.662	27.926	30.336	32.715	37.385	16.72	.107	1446.2	378
400	-1.920	-1.929	.286	34.686	27.947	30.356	32.736	37.407	14.63	.111	1446.5	403
425	-1.941	-1.951	.285	34.714	27.970	30.380	32.759	37.431	12.29	.114	1446.9	429
450	-1.935	-1.946	.311	34.735	27.987	30.396	32.776	37.447	10.56	.117	1447.4	454
475	-1.935	-1.947	.331	34.750	27.999	30.409	32.788	37.459	9.26	.119	1447.8	479
500	-1.930	-1.942	.357	34.777	28.021	30.430	32.809	37.480	7.12	.121	1448.3	504
550	-1.915	-1.929	.412	34.813	28.050	30.459	32.837	37.508	4.14	.124	1449.3	555
595	-1.913	-1.928	.448	34.818	28.054	30.463	32.841	37.511	3.51	.126	1450.0	600

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76 58.0S	178 21.8W	569	600	997.6	240	9	-3.6	0	0	0	0	2029	26JAN78	BI	78	2	118

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.29	-0.29	1.59	34.314	27.59	29.97							0	118
582	-1.91	-1.93	0.44	34.819	28.05	30.46							0	118

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.290	-1.290	1.590	34.310	27.585	29.970	32.326	36.951	51.29	0.000	1447.0	0
10	-1.294	-1.294	1.594	34.314	27.588	29.973	32.330	36.955	50.95	.005	1447.2	10
20	-1.292	-1.292	1.604	34.319	27.592	29.978	32.333	36.958	50.54	.010	1447.3	20
30	-1.305	-1.306	1.598	34.314	27.588	29.974	32.330	36.956	50.88	.015	1447.4	30
40	-1.239	-1.241	1.674	34.368	27.629	30.014	32.369	36.992	47.00	.020	1448.0	40
50	-1.860	-1.862	1.067	34.470	27.739	30.132	32.496	37.136	36.55	.024	1445.4	50
60	-1.151	-1.153	.784	34.485	27.761	30.159	32.527	37.177	34.32	.028	1444.2	60
70	-1.096	-1.098	.848	34.499	27.771	30.168	32.535	37.182	33.41	.031	1444.7	71
80	-1.130	-1.132	.822	34.509	27.780	30.178	32.546	37.194	32.46	.035	1444.7	81
90	-1.048	-1.051	.912	34.518	27.784	30.181	32.547	37.193	32.05	.038	1445.3	91
100	-1.008	-1.011	.961	34.533	27.795	30.190	32.556	37.201	31.03	.041	1445.6	101
125	-1.064	-1.068	.925	34.562	27.820	30.217	32.583	37.229	28.50	.048	1445.8	126
150	-1.992	-1.996	1.017	34.570	27.824	30.220	32.585	37.229	28.09	.055	1446.6	151
175	-1.356	-1.361	.672	34.577	27.843	30.244	32.615	37.269	26.07	.062	1445.3	176
200	-1.615	-1.619	.433	34.581	27.854	30.258	32.634	37.296	24.78	.069	1444.5	202
225	-1.754	-1.759	.313	34.591	27.865	30.272	32.650	37.317	23.43	.075	1444.3	227
250	-1.809	-1.815	.277	34.602	27.876	30.284	32.662	37.330	22.29	.080	1444.5	252
275	-1.827	-1.833	.279	34.613	27.886	30.294	32.672	37.341	21.20	.086	1444.8	277
300	-1.851	-1.858	.275	34.629	27.898	30.307	32.686	37.355	19.92	.091	1445.1	302
325	-1.868	-1.876	.277	34.641	27.909	30.318	32.697	37.367	18.66	.096	1445.5	328
350	-1.885	-1.893	.281	34.660	27.925	30.334	32.713	37.383	17.02	.100	1445.8	353
375	-1.904	-1.913	.282	34.687	27.947	30.356	32.735	37.406	14.79	.104	1446.2	378
400	-1.927	-1.936	.279	34.708	27.965	30.374	32.754	37.425	12.93	.108	1446.5	403
425	-1.944	-1.955	.282	34.731	27.984	30.394	32.773	37.445	10.96	.111	1446.9	429
450	-1.942	-1.953	.305	34.752	28.001	30.410	32.790	37.461	9.26	.113	1447.4	454
475	-1.930	-1.942	.337	34.778	28.022	30.431	32.810	37.481	7.16	.115	1447.9	479
500	-1.930	-1.943	.358	34.801	28.040	30.449	32.829	37.499	5.30	.117	1448.3	504
550	-1.914	-1.928	.413	34.816	28.052	30.461	32.840	37.510	3.91	.119	1449.3	555
592	-1.914	-1.929	.445	34.818	28.054	30.463	32.842	37.512	3.53	.121	1450.0	597



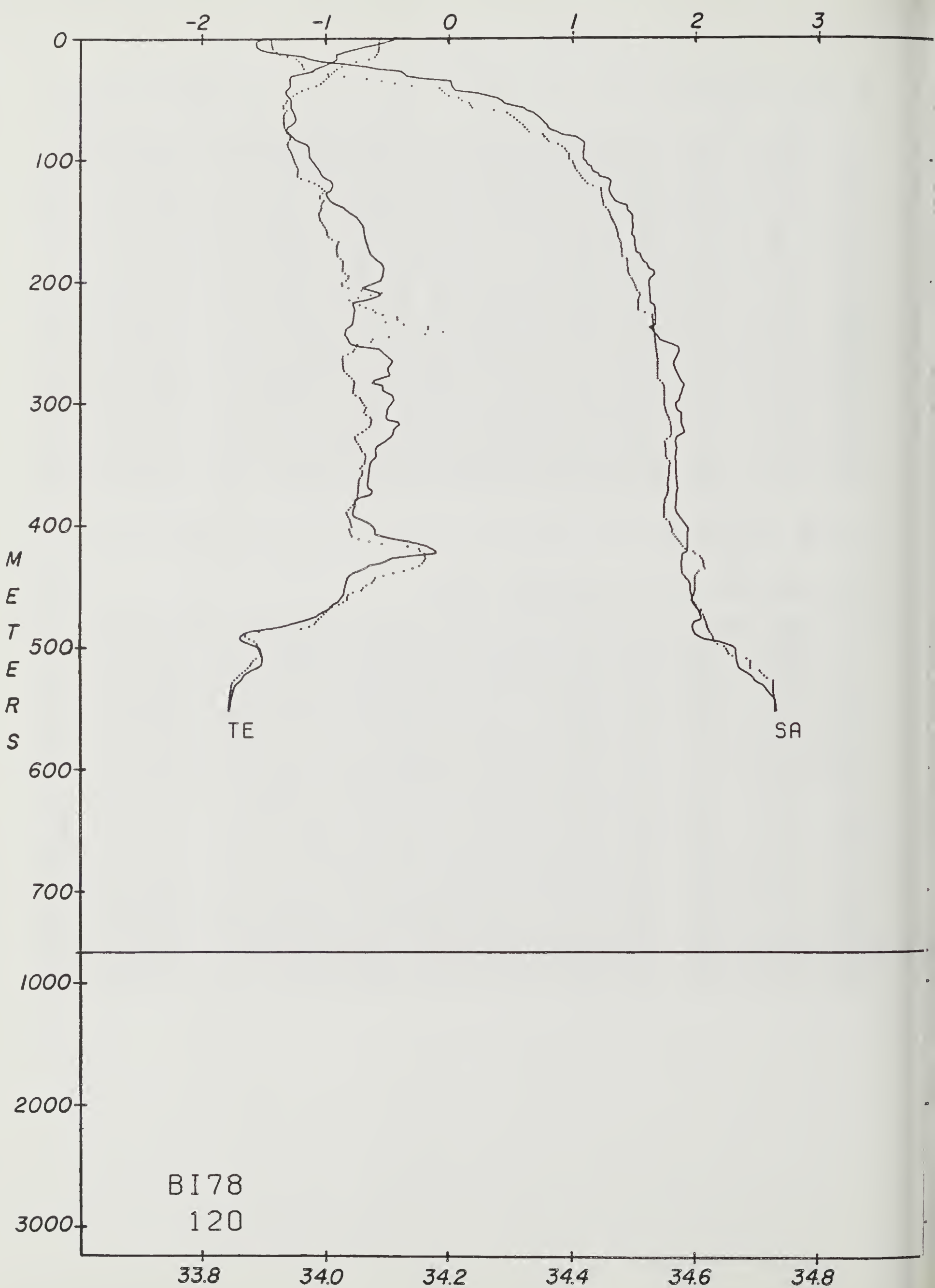
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76	27.2S	177	35.9W	569	597	998.2	270	12	0.3	0	0	47	27JAN78	BI	78	1	119

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.353	-0.353	1.522	34.224	27.518	29.905	32.262	36.890	57.58	0.000	1446.6	0
10	-0.363	-0.364	1.519	34.221	27.516	29.903	32.261	36.889	57.72	.006	1446.7	10
20	-0.408	-0.409	1.482	34.219	27.516	29.904	32.262	36.892	57.68	.012	1446.7	20
30	-0.703	-0.704	1.194	34.222	27.531	29.924	32.286	36.924	56.24	.017	1445.5	30
40	-0.622	-0.623	1.285	34.251	27.552	29.943	32.304	36.939	54.28	.023	1446.1	40
50	-0.215	-0.217	1.701	34.270	27.548	29.933	32.288	36.911	54.62	.028	1448.1	50
60	-0.667	-0.668	1.257	34.272	27.571	29.962	32.324	36.960	52.42	.034	1446.2	60
70	-1.141	-1.143	.792	34.311	27.620	30.019	32.388	37.038	47.60	.039	1444.2	71
80	-1.440	-1.442	.504	34.364	27.673	30.076	32.449	37.108	42.54	.043	1443.1	81
90	-1.432	-1.434	.521	34.387	27.691	30.094	32.467	37.126	40.73	.047	1443.3	91
100	-1.043	-1.046	.920	34.444	27.724	30.121	32.487	37.134	37.72	.051	1445.4	101
125	-0.991	-0.995	.994	34.497	27.765	30.160	32.526	37.171	33.77	.060	1446.1	126
150	-0.673	-0.678	1.334	34.543	27.790	30.180	32.541	37.175	31.49	.068	1448.0	151
175	-0.691	-0.697	1.335	34.540	27.788	30.179	32.540	37.175	31.36	.076	1448.4	176
200	-0.723	-0.729	1.324	34.571	27.814	30.206	32.567	37.203	28.99	.084	1448.7	202
225	-0.718	-0.725	1.348	34.568	27.812	30.203	32.565	37.200	29.16	.091	1449.1	227
250	-0.970	-0.978	1.115	34.575	27.828	30.223	32.588	37.231	27.43	.098	1448.4	252
275	-1.177	-1.185	.926	34.566	27.827	30.226	32.594	37.244	27.20	.105	1447.8	277
300	-1.494	-1.502	.628	34.561	27.834	30.237	32.610	37.270	26.22	.112	1446.7	302
325	-1.595	-1.604	.547	34.582	27.854	30.259	32.634	37.296	24.10	.118	1446.7	328
350	-1.714	-1.723	.448	34.602	27.874	30.280	32.657	37.322	22.01	.124	1446.6	353
375	-1.735	-1.745	.447	34.617	27.886	30.293	32.670	37.336	20.69	.129	1446.9	378
400	-1.861	-1.871	.341	34.632	27.902	30.311	32.689	37.359	18.93	.134	1446.8	403
425	-1.884	-1.894	.340	34.676	27.938	30.347	32.726	37.396	15.38	.138	1447.1	429
450	-1.956	-1.967	.287	34.700	27.959	30.369	32.749	37.421	13.15	.142	1447.2	454
475	-1.943	-1.954	.322	34.738	27.989	30.399	32.779	37.450	10.19	.145	1447.8	479
500	-1.948	-1.960	.339	34.776	28.020	30.430	32.810	37.481	7.10	.147	1448.2	504
550	-1.922	-1.936	.404	34.798	28.038	30.447	32.826	37.496	5.25	.150	1449.2	555
590	-1.917	-1.932	.440	34.804	28.042	30.452	32.831	37.501	4.59	.152	1449.9	595

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
76	27.2S	177	35.9W	569	597	998.1	260	13	-0.8	0	0	129	27JAN78	BI	78	2	119

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.28	-0.28	1.60	34.236	27.52	29.91							0	119
580	-1.92	-1.93	0.43	34.804	28.04	30.45							0	119

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.277	-0.277	1.598	34.225	27.515	29.901	32.257	36.882	57.84	0.000	1446.9	0
10	-0.286	-0.287	1.597	34.230	27.520	29.906	32.261	36.887	57.42	.006	1447.1	10
20	-0.303	-0.303	1.588	34.234	27.524	29.910	32.266	36.892	57.00	.011	1447.2	20
30	-0.283	-0.284	1.616	34.243	27.530	29.916	32.272	36.897	56.39	.017	1447.4	30
40	-0.303	-0.304	1.604	34.260	27.544	29.930	32.287	36.913	55.00	.023	1447.5	40
50	-0.407	-0.409	1.508	34.261	27.530	29.938	32.295	36.924	54.44	.028	1447.2	50
60	-0.296	-0.298	1.630	34.322	27.594	29.980	32.336	36.961	50.26	.033	1448.0	60
70	-0.782	-0.784	1.154	34.357	27.644	30.036	32.400	37.039	45.47	.038	1446.0	71
80	-1.440	-1.442	.504	34.363	27.672	30.075	32.448	37.107	42.62	.043	1443.1	81
90	-1.414	-1.416	.538	34.378	27.683	30.086	32.459	37.117	41.48	.047	1443.4	91
100	-1.381	-1.383	.579	34.385	27.688	30.090	32.462	37.119	41.03	.051	1443.7	101
125	-1.062	-1.065	.922	34.477	27.751	30.148	32.515	37.162	35.04	.060	1445.7	126
150	-0.682	-0.687	1.324	34.527	27.777	30.168	32.528	37.163	32.69	.069	1448.0	151
175	-0.707	-0.713	1.319	34.552	27.799	30.190	32.551	37.187	30.55	.077	1448.3	176
200	-0.717	-0.723	1.330	34.569	27.812	30.204	32.565	37.200	29.21	.084	1448.7	202
225	-0.729	-0.736	1.338	34.582	27.823	30.215	32.576	37.212	28.07	.091	1449.1	227
250	-0.896	-0.904	1.189	34.589	27.836	30.230	32.593	37.235	26.73	.098	1448.7	252
275	-1.227	-1.235	.877	34.582	27.842	30.241	32.610	37.261	25.77	.105	1447.6	277
300	-1.433	-1.441	.691	34.596	27.860	30.262	32.635	37.292	23.78	.111	1447.1	302
325	-1.660	-1.668	.483	34.594	27.866	30.272	32.647	37.311	22.95	.117	1446.4	328
350	-1.745	-1.753	.418	34.612	27.882	30.289	32.666	37.333	21.17	.122	1446.4	353
375	-1.758	-1.768	.425	34.641	27.906	30.313	32.690	37.357	18.81	.127	1446.8	378
400	-1.873	-1.882	.331	34.658	27.923	30.332	32.711	37.381	16.93	.132	1446.7	403
425	-1.910	-1.920	.313	34.669	27.933	30.342	32.722	37.393	15.82	.136	1447.0	429
450	-1.921	-1.932	.324	34.713	27.968	30.378	32.757	37.428	12.31	.139	1447.4	454
475	-1.974	-1.985	.291	34.730	27.984	30.394	32.774	37.447	10.63	.142	1447.6	479
500	-1.950	-1.962	.337	34.788	28.030	30.440	32.819	37.491	6.19	.144	1448.2	504
550	-1.926	-1.940	.400	34.799	28.039	30.448	32.827	37.498	5.16	.147	1449.2	555
589	-1.920	-1.935	.436	34.802	28.041	30.450	32.829	37.499	4.73	.149	1449.9	594



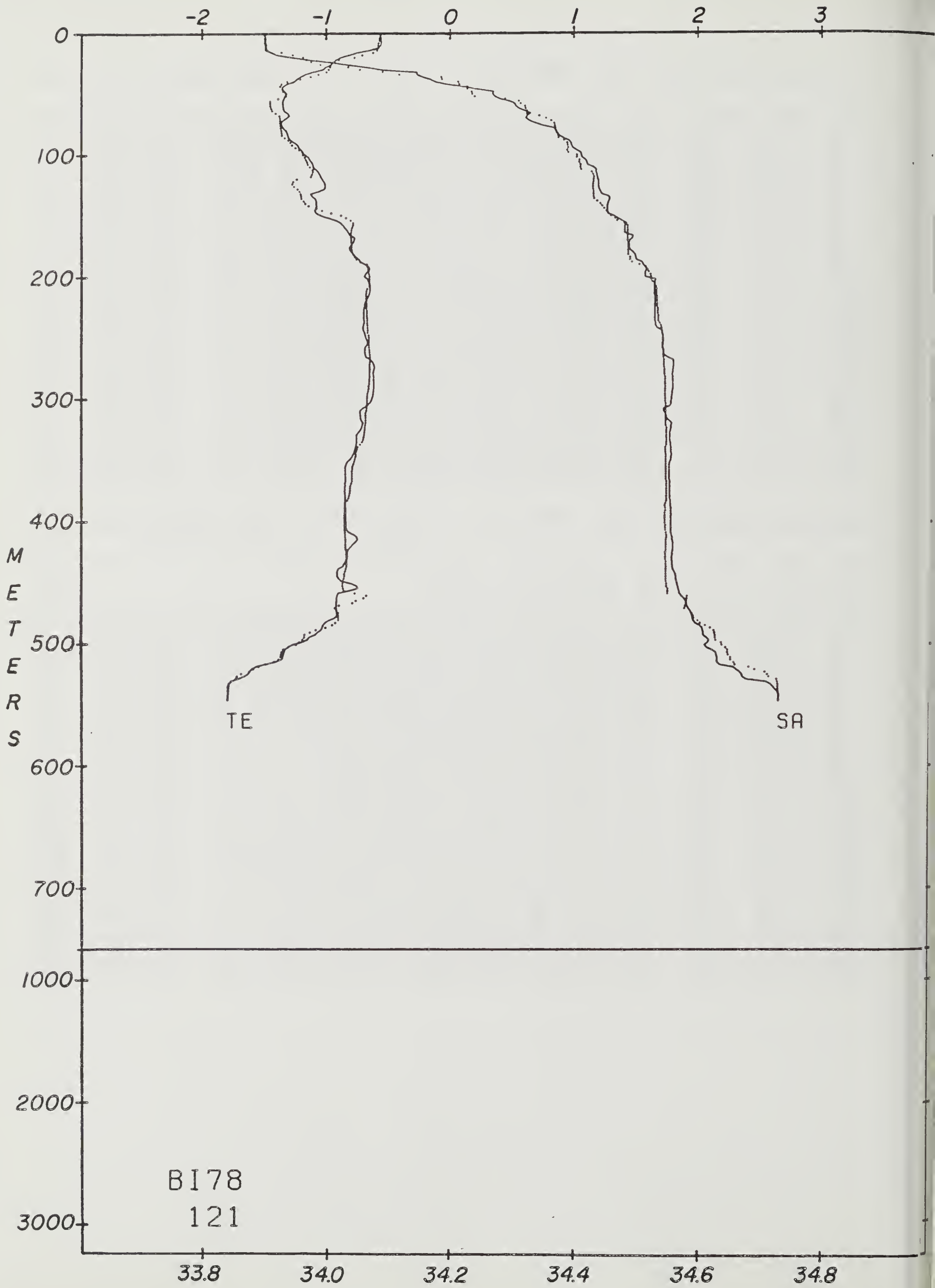
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 58.45	176 24.1W	569	560	997.5	280	7	0.7	0	0	0	0	720	27JAN78	BI	78	1	120

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.429	-1.429	1.428	33.905	27.264	29.653	32.013	36.646	81.65	0.000	1445.8	0
10	-1.777	-1.777	1.087	33.897	27.272	29.667	32.032	36.674	80.87	.008	1444.3	10
20	-1.938	-1.939	.939	33.996	27.358	29.755	32.122	36.769	72.63	.016	1443.9	20
30	-1.188	-1.189	.704	34.129	27.475	29.875	32.245	36.899	61.55	.023	1443.1	30
40	-1.284	-1.285	.621	34.207	27.541	29.942	32.313	36.969	55.25	.028	1442.9	40
50	-1.282	-1.283	.635	34.282	27.601	30.002	32.373	37.028	49.49	.034	1443.2	50
60	-1.261	-1.262	.666	34.329	27.639	30.039	32.410	37.063	45.90	.038	1443.5	60
70	-1.247	-1.249	.688	34.355	27.659	30.060	32.430	37.083	43.90	.043	1443.8	71
80	-1.283	-1.285	.663	34.389	27.688	30.089	32.459	37.113	41.13	.047	1443.8	81
90	-1.130	-1.132	.825	34.420	27.708	30.106	32.474	37.123	39.22	.051	1444.8	91
100	-1.111	-1.114	.851	34.420	27.707	30.105	32.473	37.122	39.26	.055	1445.0	101
125	-1.948	-1.952	1.035	34.461	27.734	30.129	32.494	37.138	36.68	.065	1446.2	126
150	-1.724	-1.728	1.281	34.499	27.756	30.148	32.510	37.146	34.62	.073	1447.7	151
175	-1.639	-1.644	1.385	34.505	27.758	30.148	32.508	37.142	34.44	.082	1448.6	176
200	-1.551	-1.558	1.493	34.526	27.771	30.159	32.518	37.149	33.22	.091	1449.4	202
225	-1.757	-1.764	1.307	34.536	27.788	30.180	32.542	37.179	31.44	.099	1448.9	227
250	-1.799	-1.807	1.285	34.554	27.804	30.196	32.559	37.197	29.80	.106	1449.1	252
275	-1.475	-1.485	1.629	34.572	27.804	30.192	32.550	37.178	29.93	.114	1451.1	277
300	-1.450	-1.460	1.673	34.570	27.801	30.189	32.546	37.174	30.19	.121	1451.6	302
325	-1.443	-1.454	1.700	34.582	27.811	30.198	32.555	37.183	29.28	.129	1452.1	328
350	-1.630	-1.642	1.531	34.570	27.810	30.200	32.560	37.193	29.14	.136	1451.6	353
375	-1.626	-1.639	1.554	34.571	27.810	30.200	32.560	37.194	29.03	.143	1452.0	378
400	-1.625	-1.639	1.575	34.586	27.822	30.212	32.572	37.205	27.86	.150	1452.5	403
425	-1.189	-1.205	2.029	34.580	27.798	30.181	32.535	37.155	30.61	.158	1454.9	429
450	-1.830	-1.845	1.408	34.594	27.837	30.230	32.593	37.232	26.08	.165	1452.4	454
475	-1.055	-1.070	1.203	34.611	27.860	30.256	32.623	37.268	23.58	.171	1451.7	479
500	-1.565	-1.579	.715	34.663	27.918	30.323	32.696	37.357	17.24	.176	1449.9	504
550	-1.761	-1.776	.560	34.733	27.981	30.388	32.765	37.431	10.80	.183	1449.9	555
553	-1.767	-1.781	.557	34.734	27.982	30.389	32.766	37.432	10.71	.183	1449.9	558

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 59.45	176 21.6W	569	560	997.1	290	8	0.3	0	0	0	0	822	27JAN78	BI	78	2	120

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.33	-0.53	1.33	33.905	27.27	29.66							0	120
543	-1.77	-1.78	0.55	34.729	27.98	30.39							0	120

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.557	-1.557	1.300	33.912	27.275	29.666	32.028	36.664	80.59	0.000	1445.2	0
10	-1.565	-1.565	1.300	33.917	27.279	29.671	32.032	36.667	80.16	.008	1445.4	10
20	-1.738	-1.739	1.137	33.958	27.320	29.714	32.078	36.719	76.28	.016	1444.8	20
30	-1.945	-1.946	.940	34.006	27.366	29.763	32.130	36.777	71.87	.023	1444.0	30
40	-1.074	-1.075	.826	34.144	27.483	29.881	32.250	36.900	60.74	.030	1443.8	40
50	-1.265	-1.287	.627	34.217	27.549	29.950	32.322	36.977	54.42	.036	1443.1	50
60	-1.315	-1.316	.608	34.270	27.592	29.994	32.366	37.021	50.25	.041	1443.2	60
70	-1.331	-1.333	.602	34.316	27.631	30.032	32.404	37.060	46.59	.046	1443.3	71
80	-1.278	-1.281	.664	34.349	27.655	30.056	32.427	37.081	44.25	.050	1443.8	81
90	-1.294	-1.297	.658	34.385	27.685	30.086	32.457	37.111	41.33	.055	1443.9	91
100	-1.251	-1.253	.710	34.397	27.693	30.093	32.464	37.117	40.54	.059	1444.3	101
125	-1.011	-1.015	.972	34.448	27.726	30.122	32.489	37.134	37.42	.068	1445.9	126
150	-1.032	-1.036	.971	34.467	27.742	30.139	32.505	37.151	35.79	.078	1446.3	151
175	-1.901	-1.907	1.121	34.482	27.750	30.144	32.508	37.150	35.09	.086	1447.3	176
200	-1.824	-1.830	1.219	34.500	27.761	30.154	32.517	37.157	33.96	.095	1448.1	202
225	-1.595	-1.602	1.467	34.514	27.763	30.153	32.513	37.145	33.83	.104	1449.6	227
250	-1.640	-1.649	1.442	34.537	27.783	30.174	32.534	37.168	31.83	.112	1449.8	252
275	-1.827	-1.835	1.275	34.541	27.794	30.187	32.551	37.190	30.60	.120	1449.4	277
300	-1.688	-1.697	1.434	34.552	27.797	30.139	32.550	37.185	30.35	.127	1450.5	302
325	-1.709	-1.720	1.432	34.563	27.807	30.198	32.560	37.195	29.37	.135	1450.8	328
350	-1.676	-1.688	1.484	34.561	27.804	30.195	32.556	37.190	29.61	.142	1451.4	353
375	-1.728	-1.740	1.451	34.557	27.803	30.195	32.556	37.193	29.61	.149	1451.5	378
400	-1.783	-1.796	1.415	34.561	27.809	30.201	32.564	37.201	28.94	.157	1451.7	403
425	-1.182	-1.198	2.038	34.607	27.819	30.202	32.555	37.175	28.66	.164	1454.9	429
450	-1.655	-1.671	1.583	34.601	27.836	30.226	32.587	37.221	26.42	.171	1453.2	454
475	-1.013	-1.028	1.245	34.616	27.862	30.258	32.624	37.268	23.37	.177	1452.0	479
500	-1.537	-1.550	.742	34.647	27.905	30.309	32.682	37.342	18.54	.182	1450.0	504
550	-1.767	-1.782	.555	34.732	27.980	30.387	32.764	37.430	10.88	.190	1449.8	555
553	-1.767	-1.782	.557	34.732	27.980	30.387	32.764	37.430	10.86	.190	1449.9	558

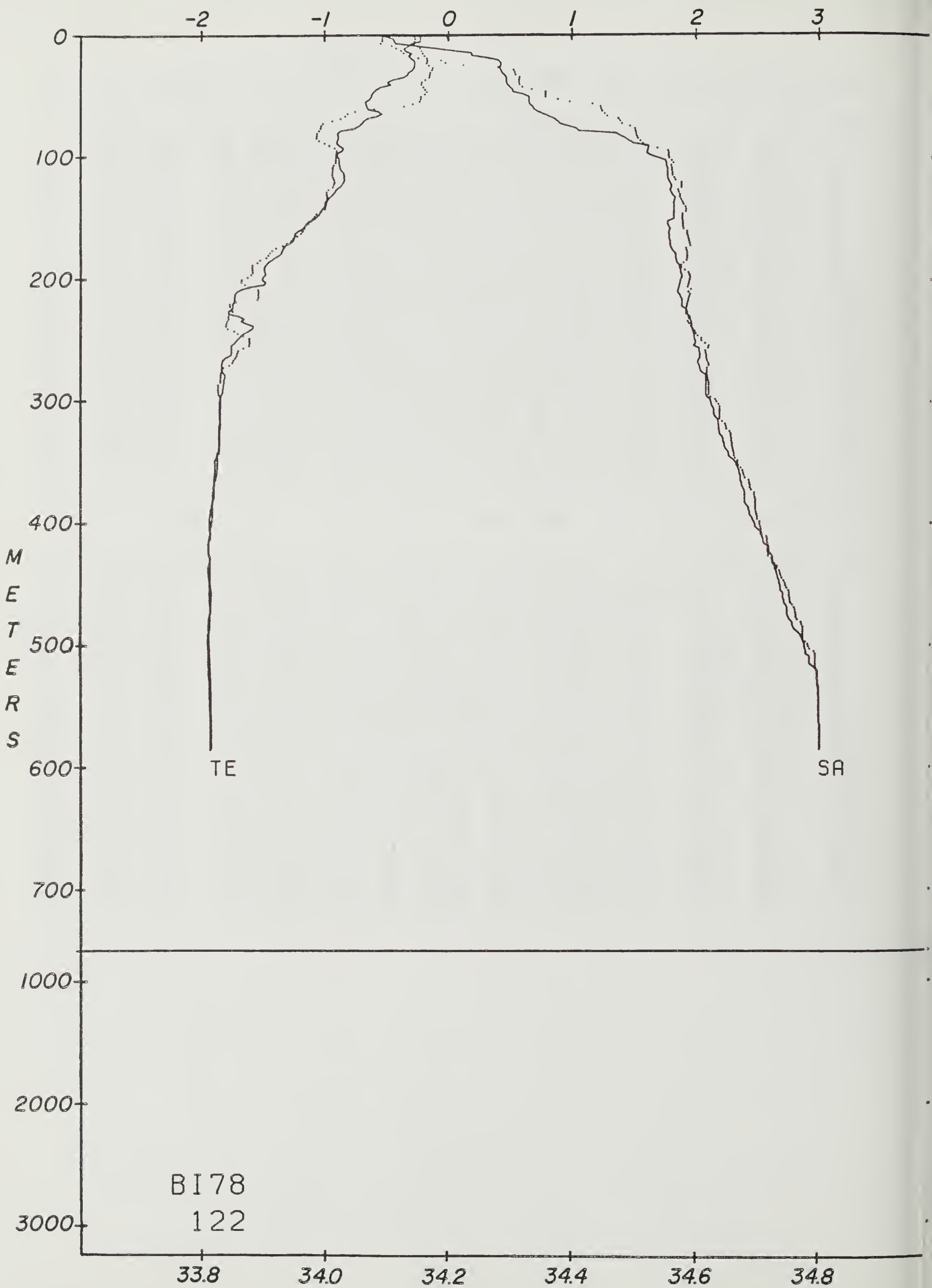


LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 59.4S	176 21.6W	569	555	997.1	300	8	0.1	0	0	0	830	27JAN78	BI	78	1	121

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .536	- .536	1.321	33.906	27.269	29.660	32.022	36.657	81.13	0.000	1445.3	0
10	- .538	- .538	1.326	33.906	27.270	29.661	32.022	36.658	81.09	.008	1445.5	10
20	- .808	- .808	1.065	33.928	27.298	29.693	32.059	36.703	78.31	.016	1444.4	20
30	- .987	- .988	.901	34.067	27.417	29.814	32.182	36.830	67.05	.023	1443.9	30
40	-1.226	-1.227	.676	34.173	27.511	29.912	32.282	36.936	58.08	.030	1443.1	40
50	-1.323	-1.324	.593	34.271	27.594	29.995	32.367	37.024	50.18	.035	1443.0	50
60	-1.335	-1.337	.590	34.308	27.624	30.025	32.398	37.054	47.26	.040	1443.1	60
70	-1.289	-1.291	.645	34.329	27.640	30.041	32.412	37.066	45.73	.045	1443.5	71
80	-1.329	-1.331	.615	34.367	27.672	30.073	32.444	37.100	42.65	.049	1443.6	81
90	-1.267	-1.269	.686	34.393	27.691	30.091	32.461	37.115	40.82	.053	1444.1	91
100	-1.168	-1.171	.794	34.413	27.703	30.102	32.471	37.121	39.62	.057	1444.7	101
125	- .995	- .998	.988	34.444	27.722	30.118	32.484	37.129	37.79	.067	1446.0	126
150	-1.058	-1.062	.944	34.461	27.738	30.135	32.502	37.149	36.15	.076	1446.1	151
175	- .772	- .777	1.252	34.493	27.753	30.146	32.508	37.146	34.80	.085	1447.9	176
200	- .662	- .668	1.382	34.519	27.770	30.160	32.521	37.156	33.23	.093	1448.9	202
225	- .669	- .676	1.395	34.535	27.783	30.174	32.534	37.169	31.92	.102	1449.3	227
250	- .665	- .673	1.418	34.548	27.793	30.184	32.544	37.179	30.92	.109	1449.7	252
275	- .390	- .600	1.513	34.565	27.804	30.193	32.553	37.185	29.89	.117	1450.5	277
300	- .604	- .614	1.518	34.562	27.802	30.192	32.552	37.184	29.96	.125	1450.9	302
325	- .693	- .704	1.448	34.561	27.805	30.196	32.557	37.192	29.58	.132	1450.9	328
350	- .775	- .787	1.385	34.561	27.809	30.201	32.563	37.201	29.08	.139	1450.9	353
375	- .831	- .843	1.348	34.559	27.809	30.202	32.566	37.205	28.92	.147	1451.1	378
400	- .822	- .835	1.376	34.561	27.810	30.204	32.567	37.206	28.74	.154	1451.5	403
425	- .794	- .808	1.423	34.564	27.811	30.204	32.567	37.205	28.59	.161	1452.1	429
450	- .879	- .894	1.357	34.569	27.819	30.213	32.577	37.218	27.68	.168	1452.1	454
475	- .900	- .916	1.357	34.591	27.837	30.232	32.596	37.237	25.88	.175	1452.4	479
500	-1.139	-1.155	1.138	34.621	27.871	30.269	32.636	37.285	22.32	.181	1451.8	504
550	-1.770	-1.785	.552	34.734	27.982	30.389	32.766	37.432	10.72	.189	1449.9	555

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 59.6S	176 20.0W	569	555	997.0	300	8	-1.1	0	0	0	915	27JAN78	BI	78	2	121

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .893	- .893	1.004	34.595	27.841	30.234	32.598	37.238	27.05	0.000	1444.6	0
10	- .560	- .560	1.305	33.905	27.270	29.661	32.023	36.659	81.05	.005	1445.4	10
20	- .686	- .687	1.188	33.946	27.308	29.701	32.064	36.704	77.43	.013	1445.0	20
30	- .954	- .955	.933	34.036	27.391	29.788	32.155	36.802	69.51	.021	1444.0	30
40	-1.194	-1.195	.710	34.197	27.530	29.929	32.300	36.953	56.31	.027	1443.3	40
50	-1.328	-1.329	.585	34.236	27.566	29.968	32.340	36.996	52.83	.032	1442.9	50
60	-1.434	-1.436	.492	34.319	27.636	30.039	32.412	37.071	46.15	.037	1442.7	60
70	-1.366	-1.367	.569	34.343	27.653	30.056	32.428	37.085	44.42	.042	1443.2	71
80	-1.349	-1.351	.595	34.374	27.678	30.080	32.451	37.108	42.05	.046	1443.5	81
90	-1.289	-1.292	.663	34.387	27.686	30.087	32.458	37.112	41.23	.050	1444.0	91
100	-1.179	-1.182	.782	34.398	27.692	30.091	32.460	37.111	40.71	.054	1444.7	101
125	-1.255	-1.258	.727	34.436	27.725	30.125	32.495	37.148	37.46	.064	1444.8	126
150	- .937	- .942	1.065	34.460	27.733	30.128	32.493	37.136	36.70	.074	1446.7	151
175	- .777	- .782	1.246	34.492	27.753	30.145	32.507	37.146	34.85	.082	1447.9	176
200	- .632	- .638	1.413	34.528	27.776	30.166	32.526	37.159	32.70	.091	1449.0	202
225	- .653	- .660	1.411	34.539	27.786	30.176	32.536	37.171	31.69	.099	1449.4	227
250	- .636	- .644	1.448	34.548	27.792	30.182	32.542	37.176	31.06	.107	1449.9	252
275	- .627	- .636	1.476	34.550	27.793	30.183	32.543	37.177	30.86	.115	1450.3	277
300	- .648	- .658	1.474	34.552	27.796	30.186	32.547	37.180	30.54	.122	1450.7	302
325	- .666	- .677	1.474	34.553	27.798	30.189	32.549	37.184	30.29	.130	1451.0	328
350	- .746	- .758	1.413	34.553	27.801	30.193	32.555	37.192	29.86	.137	1451.0	353
375	- .788	- .800	1.391	34.554	27.803	30.196	32.558	37.197	29.51	.145	1451.3	378
400	- .835	- .848	1.362	34.551	27.803	30.196	32.560	37.199	29.43	.152	1451.4	403
425	- .824	- .838	1.393	34.553	27.804	30.197	32.560	37.200	29.26	.159	1451.9	429
450	- .840	- .855	1.395	34.553	27.805	30.198	32.562	37.201	29.11	.167	1452.3	454
475	- .905	- .921	1.351	34.587	27.834	30.229	32.593	37.234	26.16	.174	1452.4	479
500	-1.176	-1.191	1.102	34.635	27.883	30.282	32.650	37.299	21.10	.180	1451.6	504
550	-1.771	-1.786	.551	34.734	27.982	30.389	32.766	37.432	10.72	.187	1449.8	554



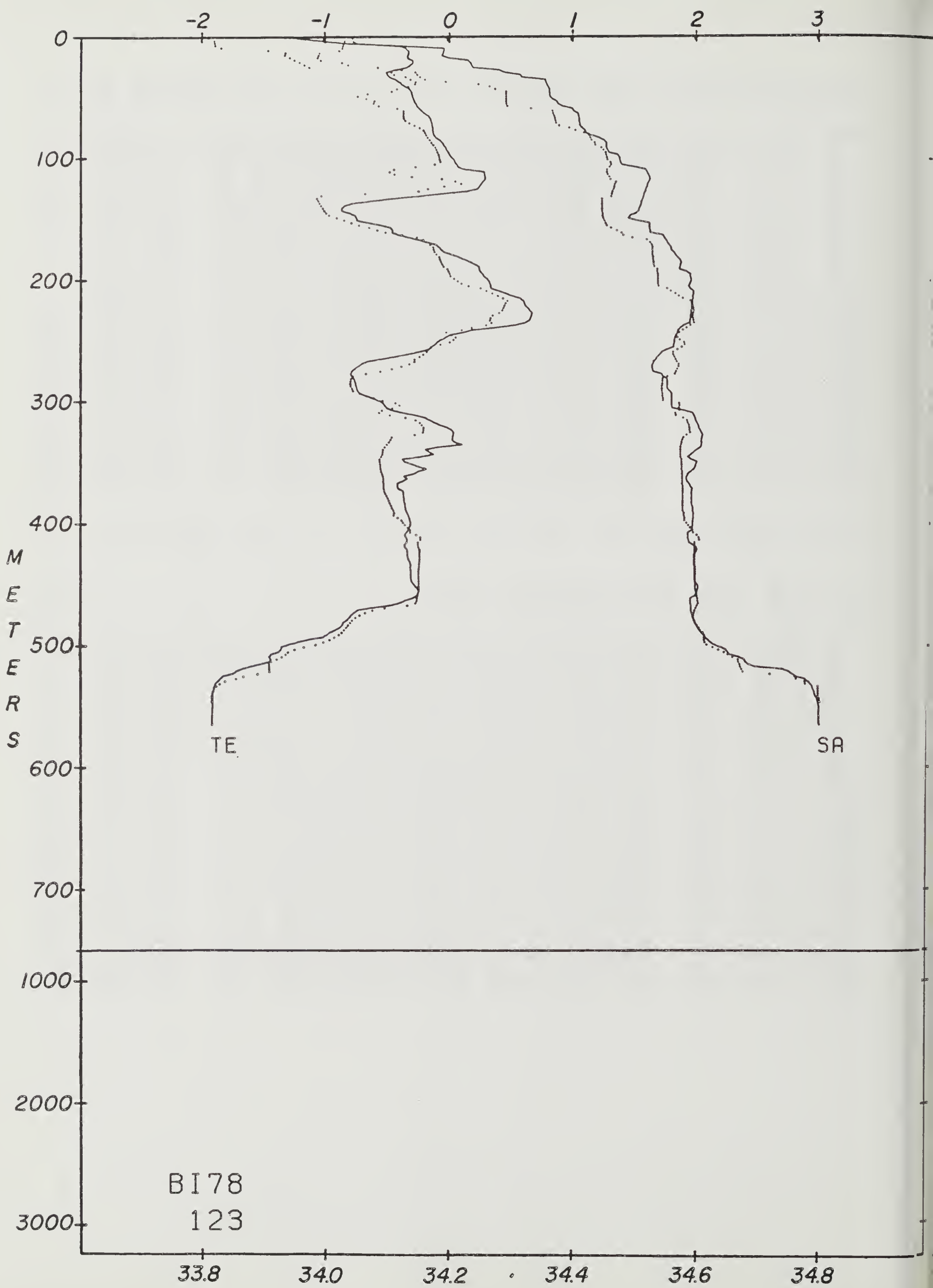
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 38.2S	176 2.1W	569	590	996.0	280	5	-1.1	0	0	0	1235	27JAN78	BI	78	1	122

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-237	-237	1.631	34.099	27.412	29.797	32.153	36.779	67.64	0.000	1447.0	0
10	-321	-321	1.557	34.146	27.454	29.840	32.197	36.825	63.65	.007	1446.8	10
20	-297	-297	1.595	34.256	27.541	29.927	32.284	36.909	55.32	.013	1447.2	20
30	-291	-292	1.610	34.285	27.565	29.950	32.306	36.932	53.10	.018	1447.5	30
40	-476	-477	1.433	34.295	27.581	29.969	32.328	36.959	51.52	.023	1446.8	40
50	-616	-617	1.303	34.320	27.607	29.997	32.358	36.993	49.03	.028	1446.3	50
60	-652	-653	1.275	34.337	27.622	30.013	32.374	37.010	47.57	.033	1446.4	60
70	-649	-651	1.287	34.372	27.651	30.041	32.403	37.038	44.83	.038	1446.6	71
80	-860	-862	1.088	34.426	27.703	30.097	32.461	37.102	39.81	.042	1445.9	81
90	-892	-895	1.067	34.503	27.766	30.160	32.524	37.166	33.80	.046	1446.0	91
100	-894	-897	1.074	34.529	27.787	30.181	32.545	37.186	31.78	.049	1446.2	101
125	-865	-868	1.125	34.562	27.813	30.206	32.569	37.210	29.29	.056	1446.8	126
150	-1.056	-1.060	.953	34.566	27.823	30.220	32.586	37.232	28.14	.064	1446.3	151
175	-1.323	-1.329	.704	34.561	27.828	30.229	32.599	37.253	27.45	.071	1445.5	176
200	-1.494	-1.499	.554	34.578	27.848	30.251	32.624	37.283	25.38	.077	1445.1	202
225	-1.741	-1.746	.325	34.581	27.857	30.264	32.641	37.308	24.21	.083	1444.3	227
250	-1.692	-1.698	.394	34.599	27.870	30.277	32.653	37.318	22.87	.089	1445.0	252
275	-1.831	-1.838	.275	34.608	27.881	30.290	32.668	37.337	21.58	.095	1444.8	277
300	-1.838	-1.845	.289	34.625	27.895	30.303	32.682	37.351	20.16	.100	1445.2	302
325	-1.843	-1.851	.302	34.639	27.907	30.315	32.694	37.363	18.89	.105	1445.6	328
350	-1.883	-1.891	.283	34.663	27.927	30.337	32.715	37.385	16.78	.109	1445.9	353
375	-1.891	-1.900	.295	34.681	27.942	30.351	32.730	37.400	15.29	.113	1446.3	378
400	-1.928	-1.938	.278	34.696	27.955	30.365	32.744	37.415	13.86	.117	1446.5	403
425	-1.932	-1.943	.294	34.721	27.976	30.385	32.765	37.436	11.76	.120	1447.0	429
450	-1.922	-1.933	.324	34.738	27.989	30.398	32.777	37.448	10.41	.123	1447.4	454
475	-1.922	-1.933	.344	34.750	27.999	30.408	32.787	37.458	9.32	.125	1447.9	479
500	-1.933	-1.945	.353	34.778	28.021	30.431	32.810	37.481	7.04	.128	1448.3	504
550	-1.917	-1.931	.409	34.801	28.040	30.449	32.828	37.498	5.04	.131	1449.2	555
585	-1.916	-1.931	.436	34.803	28.042	30.451	32.830	37.500	4.69	.132	1449.8	590

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 40.4S	176 5.0W	569	590	995.0	300	7	-0.6	0	0	0	1326	27JAN78	BI	78	2	122

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.27	-0.27	1.60	34.102	27.42	29.80							0	122
574	-1.92	-1.93	0.42	34.805	28.04	30.45							0	122

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-266	-266	1.602	34.095	27.410	29.796	32.153	36.779	67.82	0.000	1446.8	0
10	-242	-243	1.633	34.106	27.418	29.803	32.159	36.785	67.08	.007	1447.1	10
20	-166	-166	1.721	34.156	27.455	29.839	32.194	36.816	63.55	.013	1447.7	20
30	-122	-123	1.780	34.307	27.574	29.957	32.310	36.931	52.24	.019	1448.3	30
40	-203	-205	1.707	34.316	27.585	29.970	32.324	36.947	51.15	.024	1448.1	40
50	-186	-188	1.735	34.359	27.619	30.003	32.357	36.979	47.94	.029	1448.4	50
60	-403	-405	1.531	34.447	27.700	30.087	32.444	37.071	40.23	.034	1447.7	60
70	-866	-868	1.076	34.471	27.739	30.133	32.497	37.138	36.40	.037	1445.7	71
80	-1.040	-1.042	.912	34.505	27.774	30.170	32.526	37.182	33.09	.041	1445.1	81
90	-990	-992	.971	34.517	27.782	30.177	32.543	37.187	32.32	.044	1445.5	91
100	-899	-902	1.071	34.558	27.811	30.205	32.569	37.210	29.52	.047	1446.2	101
125	-924	-927	1.067	34.579	27.828	30.223	32.587	37.229	27.79	.054	1446.5	126
150	-1.075	-1.079	.934	34.580	27.835	30.232	32.598	37.245	27.00	.061	1446.2	151
175	-1.362	-1.367	.667	34.590	27.853	30.254	32.625	37.280	25.06	.068	1445.3	176
200	-1.621	-1.626	.427	34.593	27.863	30.268	32.644	37.306	23.85	.074	1444.5	202
225	-1.754	-1.760	.312	34.587	27.862	30.269	32.646	37.313	23.76	.080	1444.3	227
250	-1.613	-1.620	.473	34.609	27.877	30.282	32.656	37.319	22.35	.086	1445.4	252
275	-1.919	-1.826	.287	34.620	27.891	30.299	32.677	37.345	20.73	.091	1444.9	277
300	-1.837	-1.844	.289	34.633	27.902	30.310	32.688	37.357	19.55	.096	1445.2	302
325	-1.848	-1.856	.298	34.654	27.919	30.328	32.706	37.375	17.73	.101	1445.6	328
350	-1.859	-1.867	.307	34.670	27.932	30.341	32.719	37.388	16.38	.105	1446.0	353
375	-1.894	-1.903	.292	34.694	27.953	30.362	32.741	37.411	14.23	.109	1446.3	378
400	-1.904	-1.914	.302	34.706	27.962	30.372	32.751	37.421	13.20	.112	1446.7	403
425	-1.932	-1.942	.294	34.719	27.974	30.384	32.763	37.435	11.91	.115	1447.0	429
450	-1.923	-1.934	.323	34.747	27.996	30.406	32.785	37.455	9.71	.118	1447.4	454
475	-1.919	-1.930	.348	34.764	28.010	30.420	32.799	37.469	8.24	.120	1447.9	479
500	-1.938	-1.950	.349	34.783	28.026	30.436	32.815	37.486	6.59	.122	1448.3	504
550	-1.919	-1.933	.406	34.802	28.041	30.450	32.829	37.499	4.95	.125	1449.2	555
586	-1.916	-1.931	.437	34.803	28.042	30.451	32.830	37.500	4.69	.127	1449.8	591



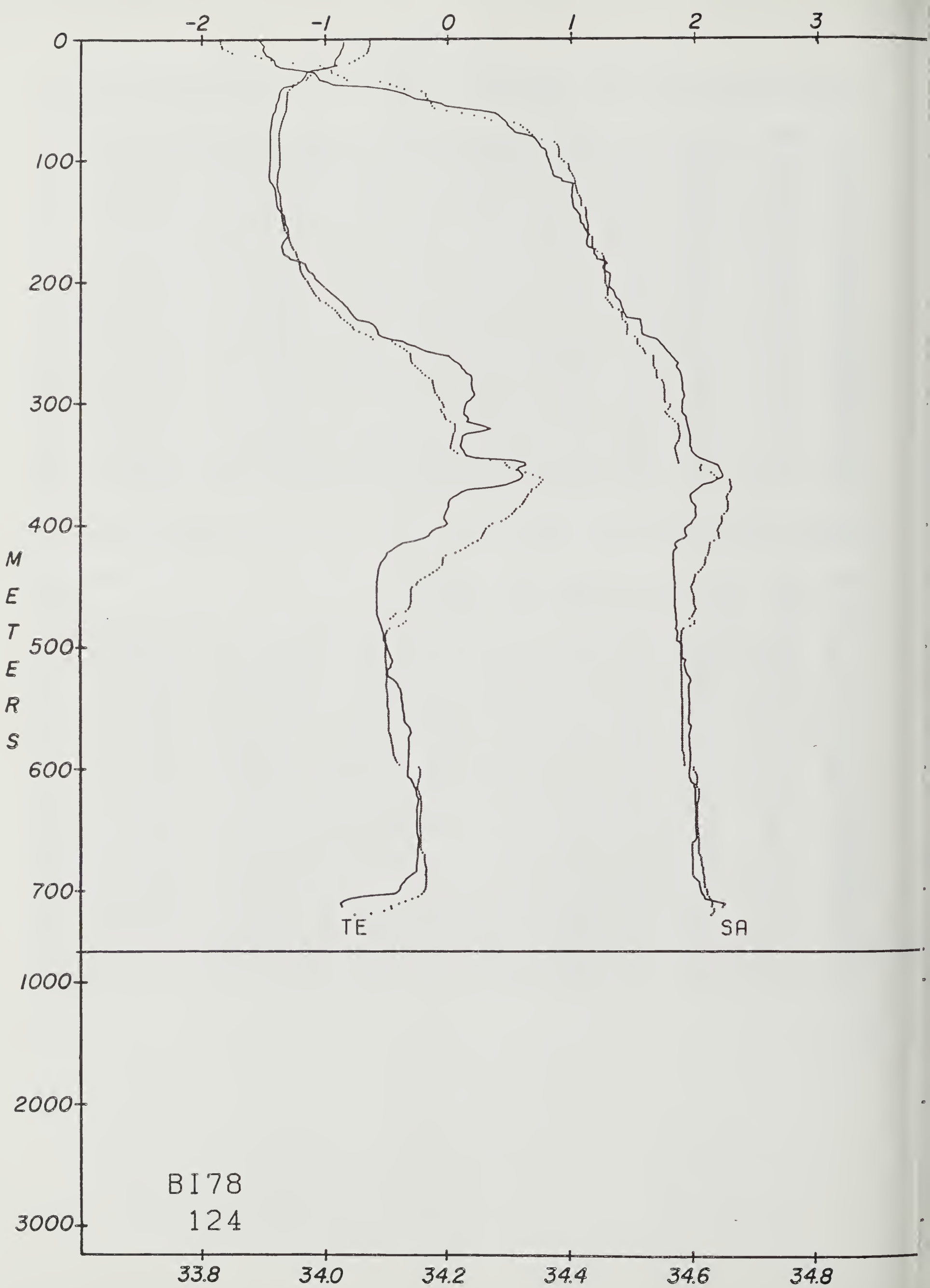
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 26.3S	175 40.6W	569	570	994.2	300	6	-0.4	0		0	0	1452	27JAN78	BI	78	1	123

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .767	- .767	1.092	33.942	27.308	29.702	32.067	36.709	77.49	0.000	1444.3	0
10	- .338	- .339	1.542	34.186	27.487	29.874	32.231	36.859	60.51	.007	1446.8	10
20	- .286	- .287	1.605	34.232	27.521	29.907	32.263	36.889	57.22	.013	1447.2	20
30	- .496	- .496	1.406	34.297	27.583	29.972	32.331	36.962	51.35	.018	1446.5	30
40	- .367	- .369	1.546	34.361	27.629	30.016	32.373	37.000	46.97	.023	1447.4	40
50	- .282	- .283	1.640	34.367	27.630	30.015	32.371	36.995	46.91	.028	1448.0	50
60	- .225	- .227	1.705	34.399	27.653	30.037	32.392	37.014	44.67	.032	1448.4	60
70	- .134	- .136	1.805	34.413	27.660	30.043	32.396	37.016	44.02	.037	1449.0	70
80	- .113	- .116	1.834	34.425	27.669	30.051	32.404	37.023	43.22	.041	1449.3	80
90	- .027	- .030	1.930	34.457	27.690	30.071	32.423	37.039	41.20	.045	1449.9	90
100	.035	.031	2.000	34.478	27.704	30.084	32.434	37.048	39.93	.049	1450.4	101
125	.247	.242	2.234	34.522	27.728	30.105	32.452	37.060	37.69	.059	1451.8	126
150	- .734	- .738	1.271	34.494	27.753	30.144	32.506	37.143	34.95	.068	1447.7	151
175	- .059	- .065	1.968	34.562	27.776	30.158	32.509	37.126	32.97	.077	1451.3	176
200	.322	.314	2.370	34.594	27.782	30.157	32.503	37.108	32.66	.085	1453.5	202
225	.663	.653	2.730	34.594	27.762	30.133	32.473	37.069	34.74	.093	1455.5	227
250	- .049	- .059	2.035	34.567	27.780	30.161	32.513	37.128	32.59	.102	1452.6	252
275	- .759	- .768	1.342	34.533	27.785	30.177	32.540	37.177	31.53	.110	1449.7	277
300	- .556	- .566	1.566	34.563	27.801	30.190	32.549	37.180	30.16	.118	1451.1	302
325	.044	.032	2.188	34.610	27.810	30.190	32.540	37.153	29.81	.125	1454.3	328
350	- .346	- .359	1.816	34.603	27.823	30.209	32.565	37.189	28.13	.132	1452.9	353
375	- .357	- .370	1.824	34.595	27.818	30.204	32.560	37.184	28.63	.139	1453.3	378
400	- .297	- .312	1.903	34.597	27.816	30.201	32.557	37.180	28.77	.147	1454.0	403
425	- .323	- .339	1.896	34.600	27.820	30.206	32.562	37.185	28.32	.154	1454.3	429
450	- .275	- .292	1.964	34.604	27.821	30.206	32.561	37.183	28.31	.161	1454.9	454
475	- .764	- .780	1.493	34.596	27.836	30.228	32.591	37.228	26.19	.168	1453.1	479
500	-1.286	-1.301	.992	34.632	27.885	30.285	32.655	37.308	20.76	.173	1451.1	504
550	-1.900	-1.915	.425	34.803	28.041	30.450	32.829	37.499	4.95	.180	1449.3	555
566	-1.905	-1.920	.433	34.804	28.042	30.451	32.830	37.500	4.77	.181	1449.6	571

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 26.3S	175 40.6W	569	570	993.6	340	6	-0.1	0		0	0	1551	27JAN78	BI	78	2	123

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.84	-0.84	1.01	33.836	27.23	29.62							0	123
554	-1.90	-1.91	0.43	34.802	28.04	30.45							0	123

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .821	- .821	1.030	33.812	27.205	29.601	31.967	36.612	87.25	0.000	1443.9	0
10	- .850	- .850	1.011	33.845	27.233	29.629	31.995	36.641	84.59	.009	1443.9	10
20	- .989	- .990	.885	33.953	27.325	29.723	32.091	36.740	75.77	.017	1443.6	20
30	- .441	- .442	1.452	34.146	27.459	29.848	32.207	36.838	63.08	.024	1446.6	30
40	- .265	- .266	1.642	34.246	27.532	29.917	32.273	36.898	56.23	.030	1447.7	40
50	- .702	- .703	1.215	34.295	27.590	29.982	32.345	36.982	50.57	.035	1445.9	50
60	- .415	- .417	1.512	34.329	27.605	29.993	32.351	36.979	49.18	.040	1447.5	60
70	- .337	- .339	1.600	34.375	27.639	30.025	32.381	37.007	46.01	.045	1448.0	70
80	- .182	- .185	1.765	34.422	27.670	30.053	32.407	37.028	43.13	.049	1449.0	80
90	- .113	- .117	1.842	34.440	27.681	30.063	32.416	37.035	42.06	.053	1449.5	90
100	- .064	- .068	1.900	34.458	27.693	30.074	32.426	37.043	40.95	.057	1449.9	101
125	- .090	- .095	1.894	34.469	27.703	30.085	32.438	37.055	39.91	.068	1450.2	126
150	- .890	- .895	1.112	34.452	27.725	30.119	32.484	37.126	37.47	.077	1446.9	151
175	- .112	- .118	1.914	34.532	27.755	30.137	32.489	37.107	34.98	.086	1451.0	176
200	.056	.048	2.101	34.541	27.754	30.133	32.483	37.096	35.17	.095	1452.2	202
225	.449	.440	2.517	34.598	27.778	30.152	32.495	37.097	33.12	.104	1454.5	227
250	.055	.046	2.140	34.577	27.782	30.162	32.512	37.125	32.44	.112	1453.1	252
275	- .494	- .503	1.610	34.571	27.804	30.192	32.550	37.179	29.91	.120	1451.0	277
300	- .513	- .523	1.608	34.554	27.791	30.180	32.538	37.168	31.07	.127	1451.3	302
325	- .195	- .207	1.948	34.592	27.807	30.191	32.544	37.164	29.81	.135	1453.2	328
350	- .545	- .557	1.616	34.579	27.813	30.202	32.561	37.192	28.89	.142	1452.0	353
375	- .503	- .516	1.678	34.581	27.813	30.201	32.559	37.189	28.91	.149	1452.6	378
400	- .356	- .370	1.844	34.587	27.811	30.197	32.553	37.179	29.17	.157	1453.7	403
425	- .222	- .238	1.997	34.600	27.815	30.200	32.553	37.174	28.94	.164	1454.8	429
450	- .230	- .247	2.008	34.601	27.816	30.201	32.555	37.176	28.78	.171	1455.1	454
475	- .683	- .700	1.574	34.599	27.835	30.226	32.587	37.222	26.39	.178	1453.5	479
500	-1.066	-1.082	1.211	34.621	27.868	30.265	32.631	37.277	22.68	.184	1452.1	504
547	-1.905	-1.919	.419	34.805	28.043	30.452	32.831	37.500	4.80	.191	1449.2	552



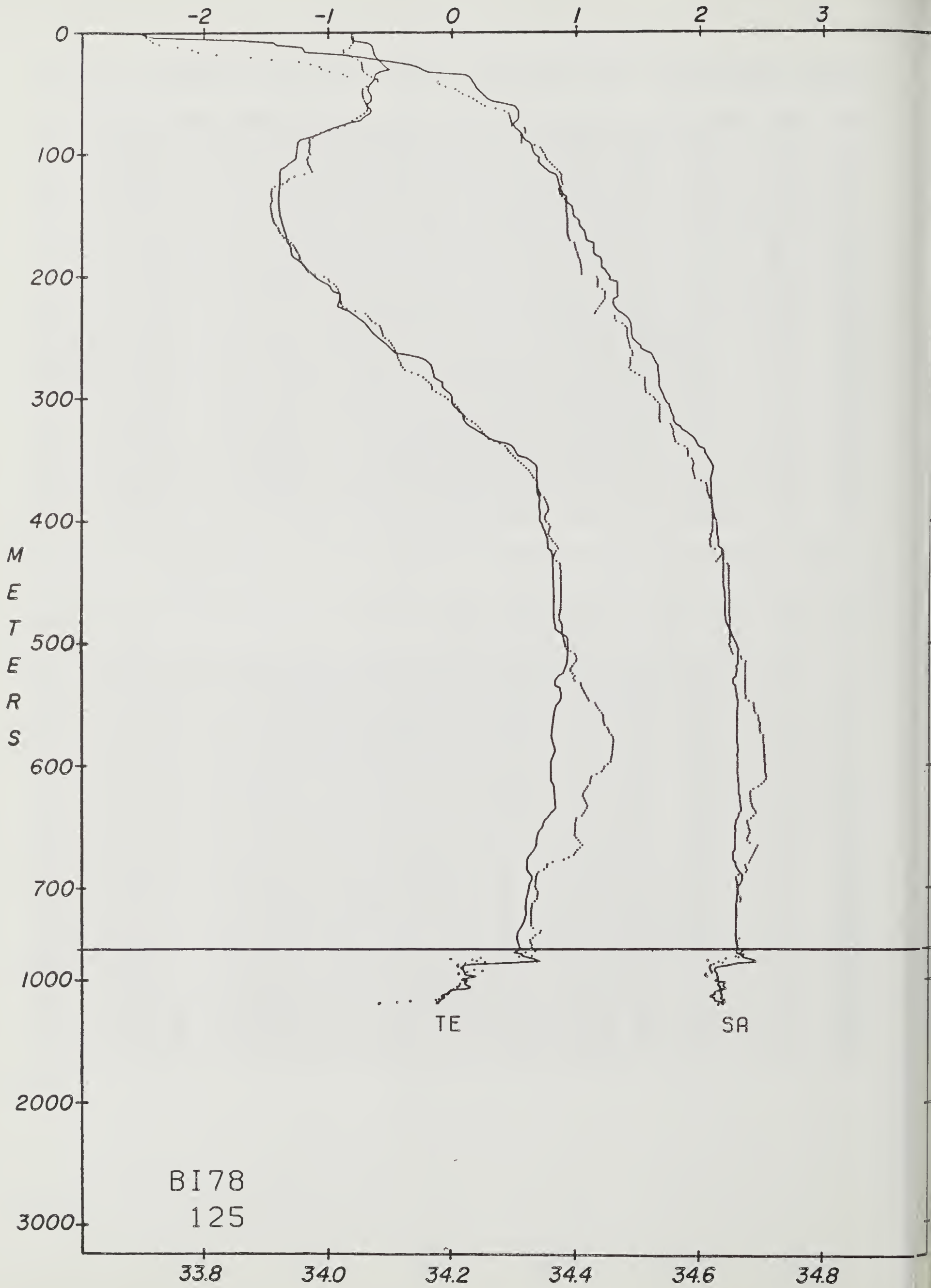
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 75 20.35 175 29.9W 569 728 993.6 350 5 -0.4 0 0 0 1651 27JAN78 BI 78 1 124

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.818	-0.818	1.008	33.897	27.273	29.669	32.035	36.679	80.75	0.000	1444.0	0
10	-0.860	-0.861	1.004	33.905	27.281	29.677	32.043	36.689	79.99	0.008	1444.0	10
20	-0.907	-0.907	0.966	33.922	27.297	29.694	32.061	36.707	78.43	0.016	1443.9	20
30	-1.146	-1.147	0.738	33.989	27.359	29.759	32.130	36.783	72.48	0.024	1443.1	30
40	-1.317	-1.318	0.579	34.068	27.429	29.832	32.204	36.862	65.77	0.030	1442.6	40
50	-1.363	-1.364	0.546	34.152	27.499	29.901	32.274	36.933	59.18	0.037	1442.6	50
60	-1.391	-1.393	0.531	34.253	27.583	29.986	32.359	37.017	51.11	0.042	1442.8	60
70	-1.420	-1.421	0.513	34.300	27.620	30.023	32.397	37.055	47.54	0.047	1442.9	71
80	-1.428	-1.430	0.514	34.331	27.646	30.049	32.422	37.081	45.09	0.052	1443.1	81
90	-1.427	-1.429	0.524	34.356	27.666	30.069	32.442	37.101	43.14	0.056	1443.3	91
100	-1.429	-1.431	0.530	34.367	27.674	30.077	32.450	37.109	42.28	0.060	1443.4	101
125	-1.387	-1.390	0.593	34.403	27.704	30.106	32.479	37.136	39.36	0.071	1444.1	126
150	-1.306	-1.309	0.694	34.419	27.713	30.114	32.485	37.139	38.45	0.080	1444.9	151
175	-1.324	-1.329	0.696	34.441	27.731	30.132	32.503	37.158	36.59	0.090	1445.3	176
200	-1.040	-1.046	1.001	34.466	27.742	30.138	32.505	37.151	35.68	0.099	1447.1	202
225	-0.782	-0.789	1.279	34.489	27.750	30.143	32.505	37.143	34.95	0.108	1448.7	227
250	-0.358	-0.367	1.725	34.546	27.778	30.164	32.520	37.145	32.56	0.116	1451.2	252
275	-0.168	-0.157	2.272	34.580	27.779	30.157	32.505	37.115	32.83	0.124	1454.0	277
300	-0.176	-0.163	2.299	34.584	27.782	30.160	32.508	37.117	32.56	0.132	1454.5	302
325	-0.242	-0.228	2.385	34.596	27.788	30.165	32.512	37.119	32.07	0.140	1455.2	328
350	-0.641	-0.626	2.806	34.632	27.794	30.165	32.506	37.102	31.89	0.148	1457.5	353
375	-0.117	-0.102	2.298	34.600	27.798	30.177	32.525	37.137	31.01	0.156	1455.5	378
400	-0.012	-0.004	2.212	34.598	27.801	30.182	32.532	37.147	30.52	0.164	1455.4	403
425	-0.485	-0.500	1.732	34.569	27.802	30.190	32.549	37.178	29.81	0.172	1453.5	429
450	-0.566	-0.582	1.670	34.572	27.808	30.198	32.557	37.189	29.09	0.179	1453.5	454
475	-0.560	-0.577	1.696	34.574	27.810	30.199	32.558	37.189	28.92	0.186	1454.0	479
500	-0.483	-0.501	1.792	34.584	27.814	30.202	32.560	37.189	28.57	0.193	1454.8	504
550	-0.353	-0.374	1.961	34.596	27.818	30.205	32.561	37.186	28.30	0.208	1456.2	555
600	-0.308	-0.332	2.044	34.597	27.817	30.203	32.558	37.182	28.43	0.222	1457.3	605
650	-0.235	-0.261	2.156	34.607	27.821	30.206	32.561	37.182	28.06	0.236	1458.5	656
700	-0.376	-0.403	2.053	34.615	27.834	30.221	32.578	37.204	26.51	0.250	1458.6	706
715	-0.847	-0.872	1.596	34.650	27.883	30.277	32.640	37.280	20.98	0.253	1456.8	722

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 75 20.35 175 29.9W 569 728 993.1 330 7 -0.6 0 0 0 1802 27JAN78 BI 78 2 124

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.75	-0.75	1.10	33.806	27.20	29.59							0	124
709	-0.80	-0.83	1.64	34.639	27.97	30.27						C6	0	124

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.625	-0.625	1.228	33.834	27.215	29.608	31.971	36.609	86.30	0.000	1444.8	0
10	-0.638	-0.638	1.223	33.846	27.225	29.618	31.981	36.620	85.30	0.009	1444.9	10
20	-0.794	-0.795	1.080	33.956	27.320	29.715	32.080	36.723	76.26	0.017	1444.5	20
30	-1.102	-1.103	0.784	34.024	27.386	29.786	32.155	36.807	69.91	0.024	1443.3	30
40	-1.251	-1.252	0.648	34.119	27.468	29.870	32.241	36.896	62.09	0.031	1442.9	40
50	-1.293	-1.295	0.616	34.170	27.511	29.912	32.284	36.940	58.05	0.037	1443.0	50
60	-1.303	-1.305	0.616	34.201	27.537	29.938	32.310	36.967	55.52	0.042	1443.1	60
70	-1.338	-1.339	0.595	34.306	27.623	30.025	32.396	37.053	47.34	0.047	1443.3	71
80	-1.357	-1.359	0.586	34.341	27.651	30.053	32.425	37.082	44.58	0.052	1443.4	81
90	-1.354	-1.356	0.599	34.383	27.685	30.087	32.458	37.115	41.34	0.056	1443.6	91
100	-1.351	-1.354	0.609	34.388	27.689	30.091	32.463	37.119	40.89	0.060	1443.8	101
125	-1.362	-1.365	0.619	34.412	27.709	30.111	32.483	37.139	38.88	0.070	1444.2	126
150	-1.328	-1.332	0.673	34.429	27.722	30.123	32.494	37.149	37.60	0.080	1444.8	151
175	-1.228	-1.233	0.792	34.445	27.731	30.131	32.501	37.152	36.65	0.089	1445.7	176
200	-1.127	-1.133	0.913	34.459	27.739	30.137	32.505	37.154	35.84	0.098	1446.6	202
225	-0.889	-0.896	1.171	34.483	27.750	30.144	32.509	37.150	34.87	0.107	1448.2	227
250	-0.468	-0.477	1.613	34.511	27.755	30.143	32.501	37.129	34.65	0.116	1450.6	252
275	-0.198	-0.208	1.904	34.542	27.767	30.151	32.505	37.125	33.65	0.124	1452.3	277
300	-0.030	-0.041	2.092	34.558	27.772	30.153	32.504	37.120	33.32	0.133	1453.5	302
325	-0.074	-0.061	2.216	34.579	27.783	30.163	32.513	37.125	32.31	0.141	1454.4	328
350	-0.465	-0.450	2.626	34.588	27.769	30.143	32.487	37.088	34.03	0.149	1456.6	353
375	-0.685	-0.668	2.870	34.660	27.813	30.184	32.524	37.118	30.12	0.157	1458.1	378
400	-0.391	-0.373	2.594	34.647	27.820	30.195	32.540	37.143	29.16	0.165	1457.2	403
425	-0.048	-0.031	2.269	34.626	27.822	30.202	32.552	37.165	28.60	0.172	1456.0	429
450	-0.247	-0.264	1.991	34.600	27.816	30.201	32.555	37.177	28.76	0.179	1455.1	454
475	-0.422	-0.440	1.835	34.601	27.825	30.213	32.570	37.197	27.64	0.186	1454.7	479
500	-0.497	-0.515	1.778	34.582	27.813	30.202	32.560	37.189	28.64	0.193	1454.7	504
550	-0.478	-0.499	1.835	34.584	27.814	30.203	32.560	37.189	28.47	0.207	1455.6	555
600	-0.244	-0.268	2.108	34.602	27.818	30.203	32.557	37.179	28.42	0.222	1457.6	605
650	-0.208	-0.234	2.182	34.610	27.822	30.207	32.560	37.182	28.03	0.236	1458.6	656
700	-0.166	-0.195	2.264	34.625	27.833	30.217	32.570	37.189	27.09	0.250	1459.6	706
721	-0.745	-0.771	1.701	34.632	27.864	30.257	32.619	37.255	22.91	0.255	1457.3	728



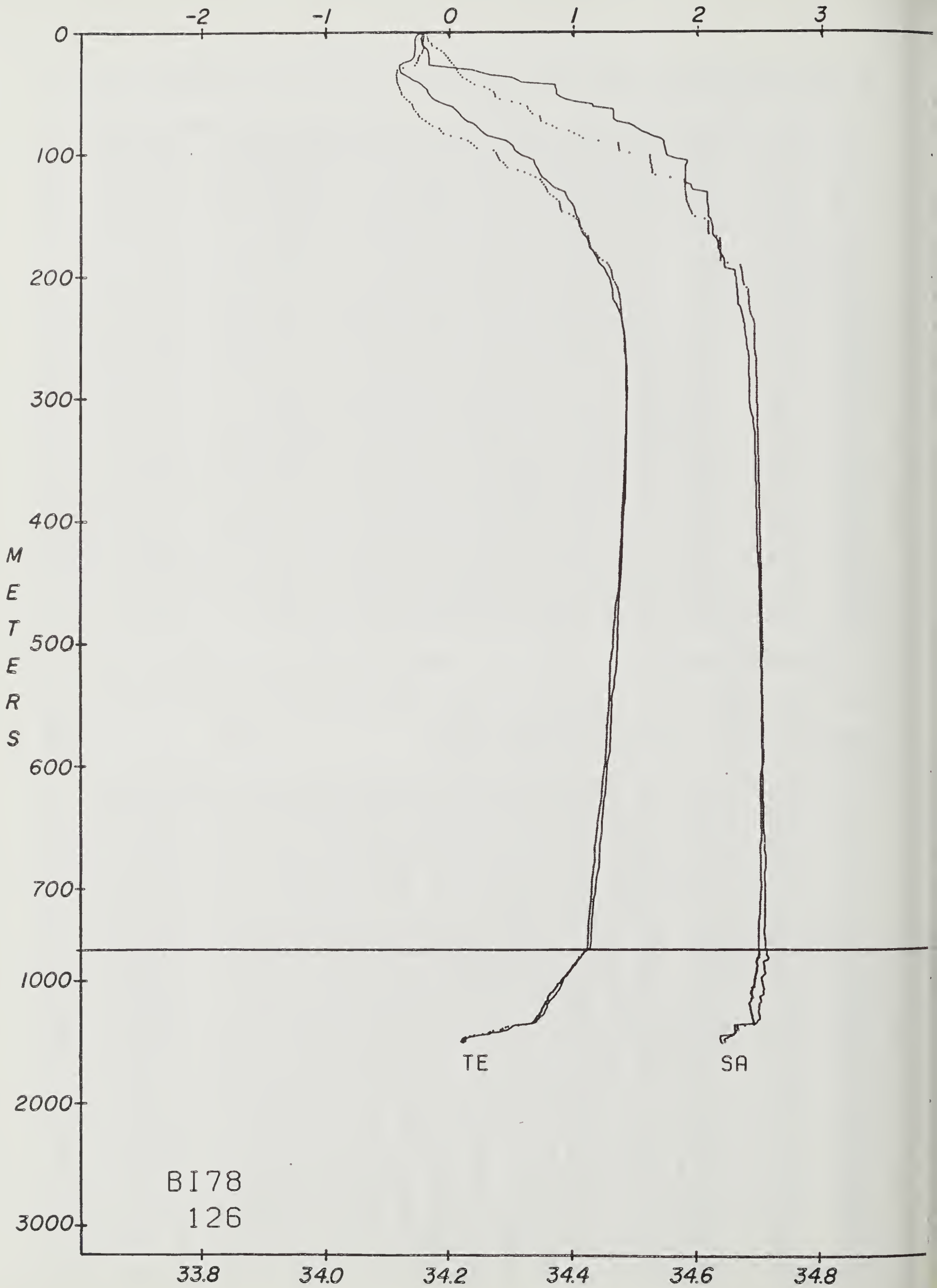
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 14.0S 175 33.4W 569 1222 991.8 20 5 0.9 0 0 0 2006 27JAN78 BI 78 1 125

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .810	- .810	1.035	33.690	27.106	29.502	31.869	36.514	96.64	0.000	1443.7	0
10	- .691	- .691	1.174	33.908	27.278	29.671	32.035	36.675	80.34	.009	1444.8	10
20	- .623	- .623	1.255	34.012	27.358	29.751	32.113	36.750	72.64	.016	1445.4	20
30	- .528	- .529	1.365	34.145	27.462	29.852	32.212	36.845	62.81	.023	1446.2	30
40	- .632	- .633	1.274	34.233	27.537	29.929	32.290	36.926	55.62	.029	1446.0	40
50	- .675	- .676	1.240	34.247	27.550	29.942	32.304	36.941	54.38	.035	1446.0	50
60	- .674	- .676	1.250	34.287	27.583	29.974	32.336	36.973	51.28	.040	1446.2	60
70	- .692	- .694	1.241	34.309	27.601	29.993	32.355	36.992	49.48	.045	1446.3	71
80	- .949	- .951	.991	34.304	27.608	30.003	32.369	37.014	48.81	.050	1445.3	81
90	-1.211	-1.213	.738	34.321	27.631	30.030	32.400	37.053	46.53	.055	1444.2	91
100	-1.251	-1.254	.706	34.334	27.642	30.042	32.413	37.066	45.40	.059	1444.2	101
125	-1.382	-1.385	.596	34.373	27.678	30.081	32.453	37.110	41.80	.070	1444.1	126
150	-1.379	-1.383	.620	34.397	27.698	30.100	32.472	37.129	39.85	.080	1444.5	151
175	-1.307	-1.312	.712	34.430	27.722	30.123	32.494	37.148	37.49	.090	1445.3	176
200	-1.116	-1.121	.924	34.454	27.735	30.133	32.501	37.149	36.26	.099	1446.7	202
225	- .910	- .916	1.150	34.463	27.734	30.129	32.494	37.136	36.35	.108	1448.1	227
250	- .605	- .613	1.475	34.493	27.747	30.137	32.496	37.129	35.33	.117	1449.9	252
275	- .152	- .162	1.949	34.535	27.759	30.142	32.495	37.115	34.43	.126	1452.5	277
300	.018	.007	2.137	34.545	27.759	30.139	32.490	37.104	34.60	.135	1453.7	302
325	.180	.167	2.322	34.573	27.773	30.151	32.499	37.109	33.39	.143	1454.9	328
350	.617	.601	2.780	34.617	27.783	30.155	32.496	37.093	32.86	.151	1457.4	353
375	.703	.686	2.885	34.621	27.781	30.152	32.492	37.086	33.17	.160	1458.2	378
400	.723	.705	2.925	34.629	27.786	30.156	32.496	37.090	32.74	.168	1458.7	403
425	.804	.784	3.026	34.640	27.790	30.159	32.498	37.089	32.50	.176	1459.5	429
450	.832	.810	3.072	34.641	27.789	30.158	32.496	37.087	32.67	.184	1460.0	454
475	.838	.816	3.098	34.644	27.791	30.160	32.498	37.088	32.54	.192	1460.5	479
500	.950	.926	3.230	34.661	27.797	30.165	32.501	37.088	32.16	.200	1461.4	504
550	.871	.845	3.189	34.665	27.806	30.175	32.512	37.102	31.32	.216	1461.9	555
600	.812	.783	3.168	34.665	27.810	30.179	32.518	37.109	30.97	.232	1462.4	605
650	.749	.717	3.142	34.661	27.811	30.181	32.521	37.114	30.84	.247	1463.0	656
700	.642	.609	3.074	34.666	27.821	30.194	32.534	37.131	29.74	.263	1463.3	706
750	.567	.531	3.037	34.665	27.825	30.198	32.541	37.139	29.30	.277	1463.8	757
800	.551	.512	3.058	34.668	27.828	30.202	32.544	37.143	29.02	.292	1464.6	808
850	.691	.649	3.239	34.693	27.840	30.212	32.552	37.147	28.28	.306	1466.1	858
900	.109	.068	2.691	34.642	27.832	30.213	32.562	37.174	27.63	.320	1464.2	909
950	.119	.075	2.738	34.630	27.822	30.203	32.552	37.164	28.56	.334	1465.1	959
1000	.179	.132	2.837	34.633	27.821	30.202	32.550	37.160	28.78	.349	1466.2	1010
1100	.097	.045	2.830	34.636	27.828	30.209	32.559	37.172	27.93	.377	1467.5	1111
1200	- .107	- .162	2.703	34.640	27.842	30.227	32.579	37.198	25.94	.404	1468.3	1212
1216	- .104	- .160	2.718	34.643	27.844	30.229	32.581	37.200	25.74	.408	1468.6	1229

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 13.9S 175 35.5W 569 1222 991.0 10 8 -0.3 0 0 0 2128 27JAN78 BI 78 2 125

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.80	-0.80	1.04	33.688	27.10	29.50				-0.40			0	125
1172	-0.06	-0.11	2.73	34.642	27.84	30.23				-0.20			0	125
1182	-0.10	-0.15	2.70	34.647	27.85	30.23				-0.19			0	125
1192	-0.46	-0.51	2.34	34.645	27.86	30.25					0.39	C1	0	125

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .792	- .792	1.053	33.702	27.115	29.511	31.877	36.522	95.78	0.000	1443.8	0
10	- .797	- .797	1.056	33.718	27.128	29.524	31.890	36.535	94.49	.010	1444.0	10
20	- .834	- .834	1.034	33.826	27.217	29.613	31.979	36.624	86.02	.019	1444.1	20
30	- .721	- .722	1.163	33.984	27.340	29.734	32.098	36.738	74.32	.027	1445.1	30
40	- .602	- .603	1.295	34.090	27.421	29.812	32.174	36.810	66.67	.034	1445.9	40
50	- .720	- .721	1.193	34.213	27.525	29.917	32.280	36.919	56.78	.040	1445.7	50
60	- .690	- .692	1.232	34.249	27.553	29.945	32.307	36.944	54.13	.045	1446.1	60
70	- .732	- .734	1.200	34.295	27.592	29.984	32.346	36.985	50.40	.051	1446.1	71
90	- .917	- .919	1.024	34.317	27.616	30.012	32.377	37.021	47.99	.055	1445.4	81
90	-1.139	-1.141	.810	34.314	27.622	30.021	32.350	37.040	47.32	.060	1444.6	91
100	-1.142	-1.145	.816	34.349	27.651	30.050	32.418	37.068	44.57	.065	1444.8	101
125	-1.340	-1.343	.639	34.379	27.682	30.083	32.455	37.111	41.48	.076	1444.3	126
150	-1.443	-1.447	.555	34.387	27.691	30.094	32.467	37.126	40.46	.086	1444.2	151
175	-1.276	-1.281	.741	34.399	27.696	30.097	32.467	37.121	39.94	.096	1445.4	176
200	-1.090	-1.096	.948	34.415	27.702	30.100	32.468	37.116	39.34	.106	1446.7	202
225	- .870	- .877	1.188	34.442	27.716	30.110	32.474	37.115	38.13	.115	1448.2	227
250	- .541	- .550	1.538	34.485	27.737	30.126	32.485	37.116	36.26	.125	1450.2	252
275	- .391	- .400	1.708	34.489	27.734	30.121	32.477	37.104	36.66	.134	1451.3	277
300	- .041	- .053	2.079	34.528	27.748	30.130	32.481	37.097	35.56	.143	1453.4	302
325	.239	.226	2.380	34.559	27.758	30.135	32.482	37.090	34.86	.152	1455.1	328
350	.532	.516	2.693	34.589	27.765	30.138	32.481	37.081	34.43	.160	1456.9	353
375	.712	.695	2.895	34.615	27.776	30.146	32.486	37.080	33.68	.169	1458.2	378
400	.766	.748	2.968	34.624	27.779	30.149	32.488	37.081	33.42	.177	1458.7	403
425	.866	.846	3.087	34.633	27.780	30.149	32.486	37.076	33.48	.186	1459.7	429
450	.896	.875	3.137	34.650	27.792	30.160	32.497	37.086	32.46	.194	1460.3	454
475	.889	.867	3.149	34.651	27.793	30.162	32.499	37.088	32.38	.202	1460.7	479
500	.926	.902	3.205	34.652	27.792	30.160	32.497	37.085	32.59	.210	1461.3	504
550	1.166	1.138	3.485	34.691	27.807	30.171	32.505	37.085	31.67	.226	1463.2	555
600	1.279	1.248	3.638	34.710	27.814	30.177	32.509	37.086	31.28	.242	1464.6	605
650	1.015	.982	3.410	34.682	27.810	30.177	32.513	37.098	31.34	.258	1464.2	656
700	.696	.662	3.128	34.665	27.817	30.189	32.529	37.123	30.21	.273	1463.6	706
750	.675	.639	3.145	34.667	27.819	30.191	32.532	37.127	30.02	.288	1464.3	757
800	.573	.534	3.081	34.673	27.831	30.204	32.547	37.145	28.82	.303	1464.7	808
850	.012	- .026	2.554	34.617	27.817	30.199	32.550	37.164	28.80	.317	1462.9	858
900	.068	.027	2.649	34.621	27.817	30.199	32.548	37.162	28.89	.332	1464.0	909
950	.268	.223	2.887	34.624	27.809	30.188	32.535	37.142	30.18	.346	1465.8	959
1000	.182	.135	2.839	34.634	27.822	30.202	32.550	37.160	28.76	.361	1466.2	1010
1100	.025	- .026	2.758	34.640	27.835	30.218	32.568	37.183	27.03	.389	1467.2	1111
1200	- .345	- .398	2.465	34.642	27.855	30.243	32.599	37.225	23.92	.414	1467.2	1212
1217	- .576	- .627	2.247	34.634	27.859	30.250	32.610	37.242	22.76	.418	1466.4	1230



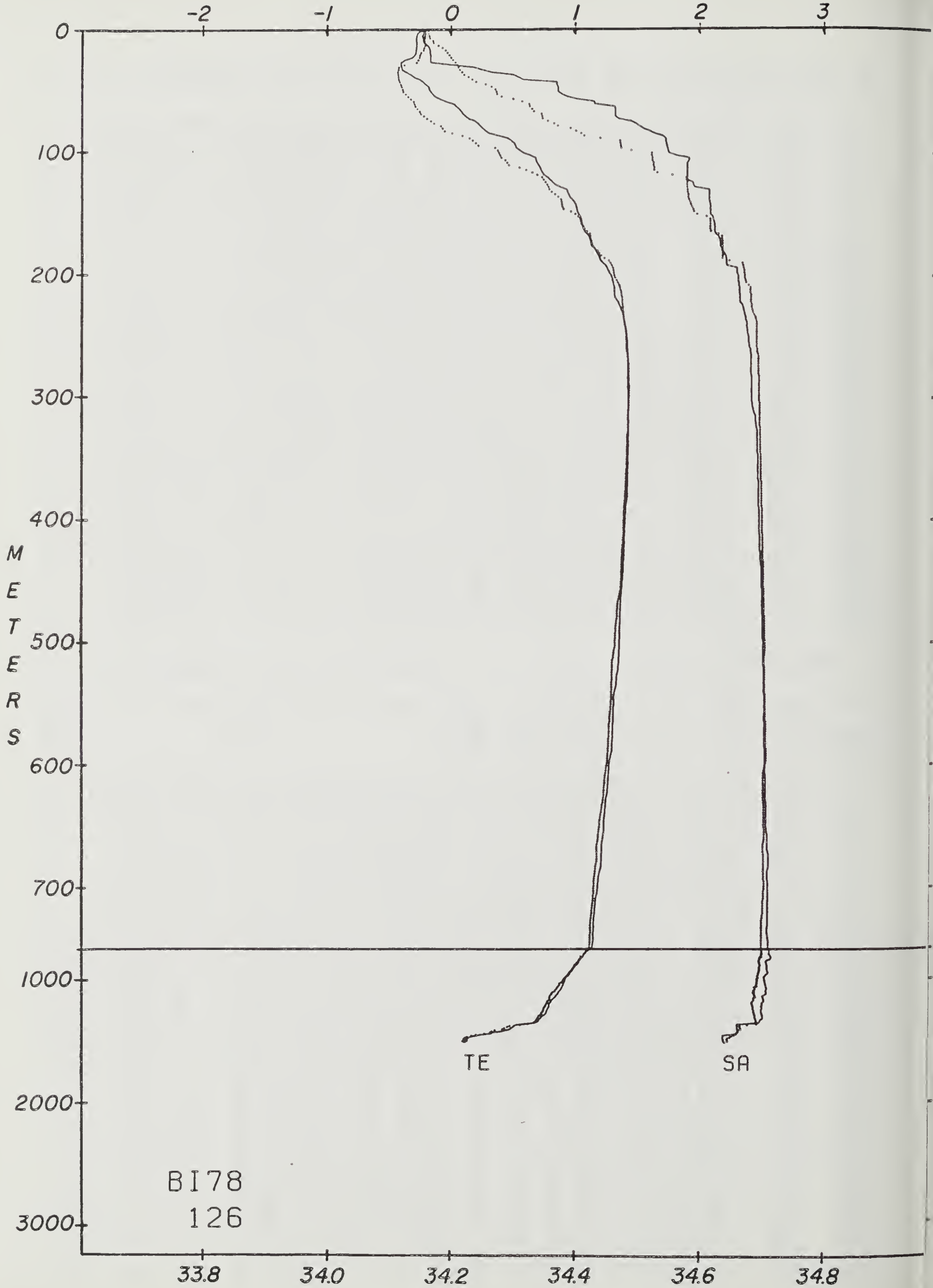
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75	9.9S	175	17.6W	569	1537	990.4	360	6	-0.8	0	0	0	2239	27JAN78	BI	78	1 126

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
1120	.000	-.051	2.750	34.646	27.841	30.224	32.575	37.190	26.41	0.000	1467.4	1131
10	-.272	-.272	1.607	34.157	27.461	29.846	32.203	36.829	63.00	.004	1447.0	10
20	-.279	-.280	1.608	34.168	27.470	29.855	32.212	36.838	62.13	.011	1447.2	20
30	-.397	-.398	1.499	34.208	27.507	29.895	32.253	36.882	58.54	.017	1446.9	30
40	-.283	-.284	1.628	34.311	27.585	29.971	32.326	36.951	51.14	.022	1447.7	40
50	-.164	-.165	1.758	34.375	27.631	30.014	32.368	36.989	46.83	.027	1448.5	50
60	-.021	-.023	1.912	34.433	27.670	30.051	32.403	37.019	43.11	.032	1449.4	60
70	.113	.110	2.055	34.467	27.691	30.070	32.419	37.031	41.17	.036	1450.2	71
80	.251	.248	2.203	34.506	27.715	30.092	32.439	37.046	38.92	.040	1451.1	81
90	.474	.471	2.436	34.548	27.736	30.109	32.452	37.053	37.02	.044	1452.3	91
100	.567	.562	2.536	34.552	27.734	30.106	32.448	37.046	37.21	.047	1452.9	101
125	.822	.816	2.812	34.586	27.746	30.114	32.452	37.043	36.21	.057	1454.5	126
150	1.033	1.026	3.045	34.619	27.758	30.123	32.458	37.043	35.15	.065	1455.9	151
175	1.141	1.133	3.173	34.635	27.764	30.128	32.461	37.042	34.73	.074	1456.8	176
200	1.292	1.282	3.344	34.662	27.775	30.137	32.468	37.045	33.79	.083	1458.0	202
225	1.366	1.355	3.437	34.669	27.776	30.136	32.466	37.041	33.69	.091	1458.7	227
250	1.429	1.416	3.520	34.680	27.780	30.140	32.469	37.042	33.59	.100	1459.4	252
275	1.442	1.428	3.552	34.685	27.783	30.142	32.472	37.044	33.40	.108	1459.9	277
300	1.445	1.430	3.575	34.686	27.784	30.143	32.472	37.045	33.43	.116	1460.3	302
325	1.447	1.430	3.596	34.693	27.789	30.149	32.478	37.051	32.98	.125	1460.8	328
350	1.443	1.425	3.611	34.696	27.792	30.151	32.481	37.053	32.83	.133	1461.2	353
375	1.438	1.419	3.625	34.697	27.793	30.153	32.482	37.055	32.80	.141	1461.6	378
400	1.420	1.399	3.626	34.698	27.795	30.155	32.485	37.058	32.66	.149	1461.9	403
425	1.411	1.389	3.636	34.699	27.797	30.157	32.487	37.061	32.60	.157	1462.3	429
450	1.397	1.373	3.641	34.702	27.800	30.161	32.490	37.065	32.34	.166	1462.6	454
475	1.379	1.355	3.642	34.703	27.802	30.163	32.493	37.068	32.21	.174	1463.0	479
500	1.373	1.347	3.655	34.705	27.804	30.165	32.495	37.070	32.12	.182	1463.3	504
550	1.327	1.298	3.647	34.707	27.809	30.171	32.502	37.078	31.72	.198	1464.0	555
600	1.292	1.260	3.650	34.708	27.812	30.175	32.506	37.084	31.50	.213	1464.7	605
650	1.249	1.215	3.645	34.710	27.817	30.180	32.513	37.091	31.15	.229	1465.3	656
700	1.201	1.164	3.635	34.713	27.822	30.187	32.520	37.100	30.66	.245	1465.9	706
750	1.158	1.119	3.631	34.714	27.826	30.192	32.525	37.106	30.36	.260	1466.6	757
800	1.104	1.062	3.614	34.715	27.831	30.197	32.531	37.114	29.95	.275	1467.2	808
850	1.064	1.019	3.612	34.717	27.835	30.202	32.537	37.121	29.61	.290	1467.8	858
900	1.014	.967	3.601	34.712	27.834	30.202	32.538	37.123	29.65	.305	1468.4	909
950	.990	.940	3.615	34.713	27.837	30.205	32.541	37.127	29.47	.319	1469.2	959
1000	.946	.893	3.608	34.708	27.835	30.205	32.542	37.129	29.59	.334	1469.8	1010
1100	.903	.844	3.641	34.711	27.841	30.211	32.549	37.138	29.16	.364	1471.3	1111
1200	.822	.757	3.635	34.706	27.842	30.214	32.552	37.144	28.99	.393	1472.6	1212
1300	.778	.708	3.668	34.704	27.843	30.216	32.556	37.148	28.87	.422	1474.1	1314
1400	.520	.446	3.483	34.665	27.827	30.204	32.548	37.148	29.51	.451	1474.5	1415
1500	.154	.077	3.191	34.642	27.829	30.212	32.561	37.172	27.91	.479	1474.5	1517
1533	.141	.063	3.204	34.645	27.833	30.216	32.565	37.177	27.54	.489	1475.1	1550

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75	10.0S	175	19.0W	569	1537	989.8	330	13	-1.8	0	0	0	13	28JAN78	BI	78	2 126

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.17	-0.17	1.70	34.139	27.46	29.84				-0.23			0	126
348	1.46	1.44	3.63	34.701	27.79	30.15				0.01		C1	0	126
366	1.46	1.44	3.64	34.712	27.80	30.16							0	126
1481	0.17	0.09	3.19	34.654	27.94	30.22							0	126
1501	0.13	0.05	3.17	34.647	27.83	30.22				-0.21		C1	0	126

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.197	-.197	1.675	34.166	27.464	29.849	32.204	36.827	62.70	0.000	1447.2	0
10	-.205	-.205	1.675	34.172	27.469	29.854	32.209	36.833	62.17	.006	1447.4	10
20	-.232	-.232	1.657	34.197	27.490	29.876	32.231	36.855	60.16	.012	1447.4	20
30	-.352	-.353	1.545	34.213	27.509	29.896	32.253	36.881	58.36	.018	1447.1	30
40	-.415	-.417	1.490	34.231	27.526	29.914	32.272	36.902	56.71	.024	1447.0	40
50	-.381	-.383	1.535	34.273	27.559	29.946	32.304	36.932	53.59	.030	1447.4	50
60	-.292	-.294	1.633	34.317	27.590	29.976	32.332	36.957	50.62	.035	1448.0	60
70	-.228	-.230	1.707	34.347	27.611	29.996	32.350	36.973	48.66	.040	1448.5	71
80	-.070	-.073	1.875	34.378	27.628	30.010	32.363	36.981	47.05	.045	1449.4	81
90	.166	.163	2.122	34.444	27.670	30.048	32.396	37.007	43.19	.049	1450.8	91
100	.394	.390	2.360	34.496	27.699	30.074	32.419	37.022	40.47	.053	1452.0	101
125	.767	.761	2.757	34.581	27.745	30.114	32.453	37.045	36.25	.063	1454.3	126
150	.972	.965	2.982	34.593	27.742	30.108	32.444	37.030	36.70	.072	1455.6	151
175	1.147	1.139	3.179	34.639	27.767	30.130	32.464	37.045	34.47	.081	1456.9	176
200	1.327	1.317	3.380	34.674	27.783	30.144	32.474	37.050	33.14	.089	1458.1	202
225	1.399	1.388	3.471	34.686	27.787	30.146	32.476	37.050	32.87	.098	1458.9	227
250	1.429	1.416	3.521	34.694	27.791	30.151	32.480	37.053	32.54	.106	1459.4	252
275	1.449	1.435	3.560	34.697	27.792	30.151	32.480	37.053	32.55	.114	1460.0	277
300	1.451	1.436	3.581	34.698	27.793	30.152	32.481	37.053	32.58	.122	1460.4	302
325	1.444	1.427	3.593	34.699	27.794	30.154	32.483	37.056	32.50	.130	1460.8	328
350	1.434	1.416	3.602	34.701	27.796	30.156	32.485	37.059	32.38	.138	1461.1	353
375	1.423	1.403	3.610	34.702	27.798	30.158	32.487	37.061	32.30	.146	1461.5	378
400	1.409	1.388	3.615	34.703	27.800	30.160	32.490	37.064	32.20	.154	1461.8	403
425	1.398	1.376	3.623	34.704	27.801	30.162	32.492	37.066	32.12	.162	1462.2	429
450	1.389	1.366	3.634	34.705	27.803	30.164	32.494	37.068	32.06	.170	1462.6	454
475	1.356	1.332	3.620	34.706	27.806	30.168	32.498	37.073	31.80	.178	1462.9	479
500	1.339	1.313	3.621	34.708	27.809	30.170	32.501	37.077	31.61	.186	1463.2	504
550	1.306	1.277	3.626	34.708	27.811	30.174	32.505	37.081	31.47	.202	1463.9	555
600	1.274	1.243	3.632	34.709	27.814	30.178	32.509	37.087	31.26	.218	1464.6	605
650	1.214	1.180	3.610	34.706	27.816	30.180	32.513	37.092	31.16	.233	1465.1	656
700	1.169	1.133	3.603	34.707	27.820	30.185	32.518	37.099	30.85	.249	1465.8	706
750	1.137	1.097	3.608	34.703	27.819	30.185	32.518	37.100	31.01	.264	1466.5	757
800	1.097	1.055	3.607	34.703	27.821	30.188	32.522	37.105	30.80	.280	1467.1	808
850	1.059	1.015	3.607	34.701	27.822	30.190	32.525	37.109	30.74	.295	1467.8	858
900	1.025	.978	3.611	34.701	27.825	30.193	32.528	37.114	30.56	.311	1468.5	909
950	.985	.935	3.608	34.699	27.826	30.195	32.531	37.117	30.47	.326	1469.1	959



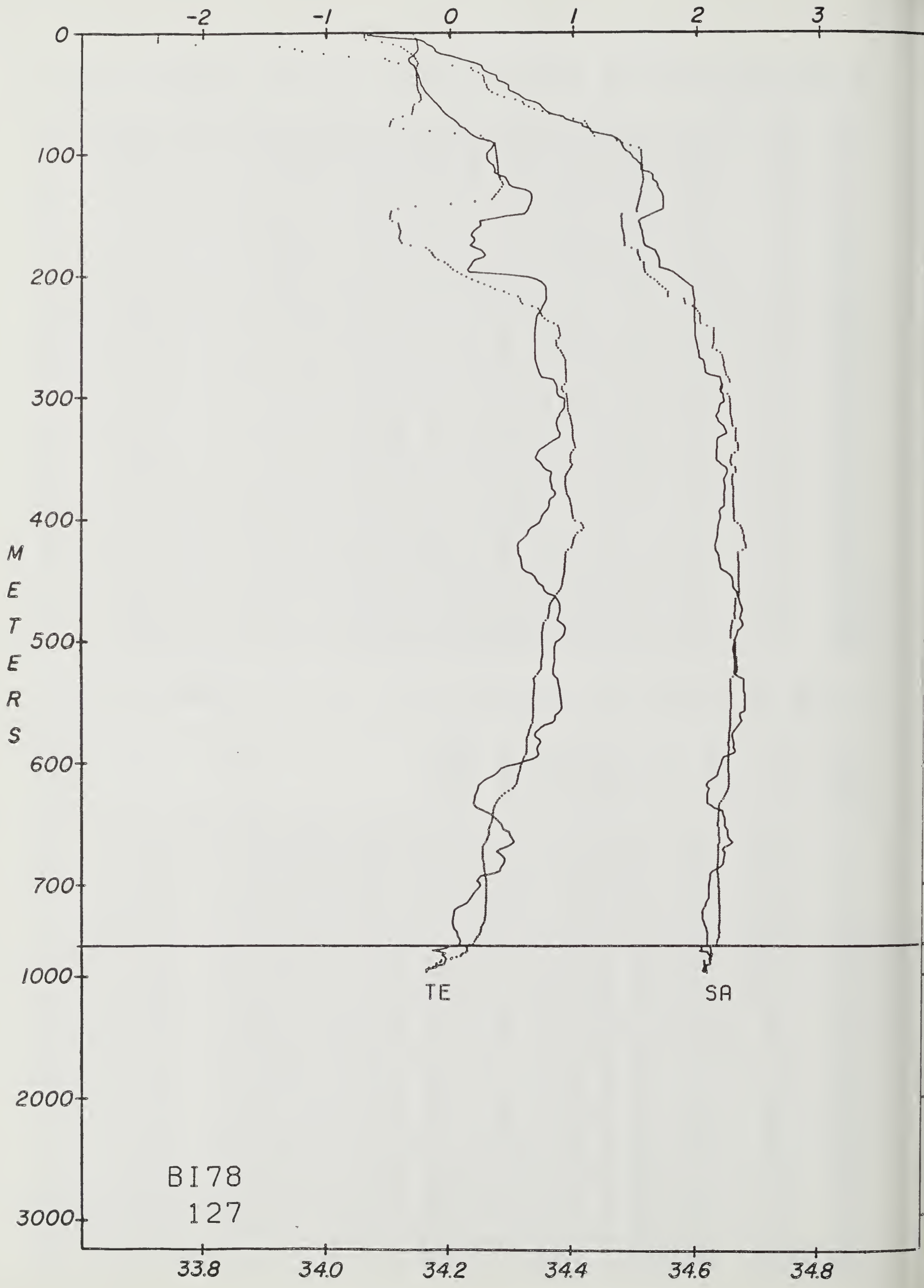
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
75	9.9S	175	17.6W	569	1537	990.4	360	6	-0.8	0	0	0	2239	27JAN78	BI	78	1	126

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
1120	.000	-.051	2.750	34.646	27.841	30.224	32.575	37.190	26.41	0.000	1467.4	1131
10	-.272	-.272	1.607	34.157	27.461	29.846	32.203	36.829	63.00	.004	1447.0	10
20	-.279	-.280	1.608	34.168	27.470	29.855	32.212	36.838	62.13	.011	1447.2	20
30	-.397	-.398	1.499	34.208	27.507	29.895	32.253	36.882	58.54	.017	1446.9	30
40	-.283	-.284	1.628	34.311	27.585	29.971	32.326	36.951	51.14	.022	1447.7	40
50	-.164	-.165	1.758	34.375	27.631	30.014	32.368	36.989	46.83	.027	1448.5	50
60	-.021	-.023	1.912	34.433	27.670	30.051	32.403	37.019	43.11	.032	1449.4	60
70	.113	.110	2.055	34.467	27.691	30.070	32.419	37.031	41.17	.036	1450.2	71
80	.251	.248	2.203	34.506	27.715	30.092	32.439	37.046	38.92	.040	1451.1	81
90	.474	.471	2.436	34.548	27.736	30.109	32.452	37.053	37.02	.044	1452.3	91
100	.567	.562	2.536	34.552	27.734	30.106	32.448	37.046	37.21	.047	1452.9	101
125	.822	.816	2.812	34.586	27.746	30.114	32.452	37.043	36.21	.057	1454.5	126
150	1.033	1.026	3.045	34.619	27.758	30.123	32.458	37.043	35.15	.065	1455.9	151
175	1.141	1.133	3.173	34.635	27.764	30.128	32.461	37.042	34.73	.074	1456.8	176
200	1.292	1.282	3.344	34.662	27.775	30.137	32.468	37.045	33.79	.083	1458.0	202
225	1.366	1.355	3.437	34.669	27.776	30.136	32.466	37.041	33.69	.091	1458.7	227
250	1.429	1.416	3.520	34.680	27.780	30.140	32.469	37.042	33.59	.100	1459.4	252
275	1.442	1.428	3.552	34.685	27.783	30.142	32.472	37.044	33.40	.108	1459.9	277
300	1.445	1.430	3.575	34.686	27.784	30.143	32.472	37.045	33.43	.116	1460.3	302
325	1.447	1.430	3.596	34.693	27.789	30.149	32.478	37.051	32.98	.125	1460.8	328
350	1.443	1.425	3.611	34.696	27.792	30.151	32.481	37.053	32.83	.133	1461.2	353
375	1.438	1.419	3.625	34.697	27.793	30.153	32.482	37.055	32.80	.141	1461.6	378
400	1.420	1.399	3.626	34.698	27.795	30.155	32.485	37.058	32.66	.149	1461.9	403
425	1.411	1.389	3.636	34.699	27.797	30.157	32.487	37.061	32.60	.157	1462.3	429
450	1.397	1.373	3.641	34.702	27.800	30.161	32.490	37.065	32.34	.166	1462.6	454
475	1.379	1.355	3.642	34.703	27.802	30.163	32.493	37.068	32.21	.174	1463.0	479
500	1.373	1.347	3.655	34.705	27.804	30.165	32.495	37.070	32.12	.182	1463.3	504
550	1.327	1.298	3.647	34.707	27.809	30.171	32.502	37.078	31.72	.198	1464.0	555
600	1.292	1.260	3.650	34.708	27.812	30.175	32.506	37.084	31.50	.213	1464.7	605
650	1.249	1.215	3.645	34.710	27.817	30.180	32.513	37.091	31.15	.229	1465.3	656
700	1.201	1.164	3.635	34.713	27.822	30.187	32.520	37.100	30.66	.245	1465.9	706
750	1.158	1.119	3.631	34.714	27.826	30.192	32.525	37.106	30.36	.260	1466.6	757
800	1.104	1.062	3.614	34.715	27.831	30.197	32.531	37.114	29.95	.275	1467.2	808
850	1.064	1.019	3.612	34.717	27.835	30.202	32.537	37.121	29.61	.290	1467.8	858
900	1.014	.967	3.601	34.712	27.834	30.202	32.538	37.123	29.65	.305	1468.4	909
950	.990	.940	3.615	34.713	27.837	30.205	32.541	37.127	29.47	.319	1469.2	959
1000	.946	.893	3.608	34.708	27.835	30.205	32.542	37.129	29.59	.334	1469.8	1010
1100	.903	.844	3.641	34.711	27.841	30.211	32.549	37.138	29.16	.364	1471.3	1111
1200	.822	.757	3.635	34.706	27.842	30.214	32.552	37.144	28.99	.393	1472.6	1212
1300	.778	.708	3.668	34.704	27.843	30.216	32.556	37.148	28.87	.422	1474.1	1314
1400	.520	.446	3.483	34.665	27.827	30.204	32.548	37.148	29.51	.451	1474.5	1415
1500	.154	.077	3.191	34.642	27.829	30.212	32.561	37.172	27.91	.479	1474.5	1517
1533	.141	.063	3.204	34.645	27.833	30.216	32.565	37.177	27.54	.489	1475.1	1550

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
75	10.0S	175	19.0W	569	1537	989.8	330	13	-1.8	0	0	0	13	28JAN78	BI	78	2	126

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.17	-0.17	1.70	34.139	27.46	29.84				-0.23			0	126
348	1.46	1.44	3.63	34.701	27.79	30.15				0.01		C1	0	126
366	1.46	1.44	3.64	34.712	27.80	30.16							0	126
1481	0.17	0.09	3.19	34.654	27.84	30.22							0	126
1501	0.13	0.05	3.17	34.647	27.83	30.22				-0.21		C1	0	126

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.197	-.197	1.675	34.166	27.464	29.849	32.204	36.827	62.70	0.000	1447.2	0
10	-.203	-.203	1.675	34.172	27.469	29.854	32.209	36.833	62.17	.006	1447.4	10
20	-.232	-.232	1.657	34.197	27.490	29.876	32.231	36.855	60.16	.012	1447.4	20
30	-.352	-.353	1.545	34.213	27.509	29.896	32.253	36.881	58.36	.018	1447.1	30
40	-.415	-.417	1.490	34.231	27.526	29.914	32.272	36.902	56.71	.024	1447.0	40
50	-.381	-.393	1.535	34.273	27.559	29.946	32.304	36.932	53.59	.030	1447.4	50
60	-.292	-.294	1.633	34.317	27.590	29.976	32.332	36.957	50.62	.035	1448.0	60
70	-.228	-.230	1.707	34.347	27.611	29.996	32.350	36.973	48.66	.040	1448.5	71
80	-.070	-.073	1.875	34.378	27.628	30.010	32.363	36.981	47.05	.045	1449.4	81
90	.166	.163	2.122	34.444	27.670	30.048	32.396	37.007	43.19	.049	1450.8	91
100	.394	.390	2.360	34.496	27.699	30.074	32.419	37.022	40.47	.053	1452.0	101
125	.767	.761	2.757	34.581	27.745	30.114	32.453	37.045	36.25	.063	1454.3	126
150	.972	.965	2.982	34.593	27.742	30.108	32.444	37.030	36.70	.072	1455.6	151
175	1.147	1.139	3.179	34.639	27.767	30.130	32.464	37.045	34.47	.081	1456.9	176
200	1.327	1.317	3.380	34.674	27.783	30.144	32.474	37.050	33.14	.089	1458.1	202
225	1.399	1.388	3.471	34.686	27.787	30.146	32.476	37.050	32.87	.098	1458.9	227
250	1.429	1.416	3.521	34.694	27.791	30.151	32.480	37.053	32.54	.106	1459.4	252
275	1.449	1.435	3.560	34.697	27.792	30.151	32.480	37.053	32.55	.114	1460.0	277
300	1.451	1.436	3.581	34.698	27.793	30.152	32.481	37.053	32.58	.122	1460.4	302
325	1.444	1.427	3.593	34.699	27.794	30.154	32.483	37.056	32.50	.130	1460.8	328
350	1.434	1.416	3.602	34.701	27.796	30.156	32.485	37.059	32.38	.138	1461.1	353
375	1.423	1.403	3.610	34.702	27.798	30.158	32.487	37.061	32.30	.146	1461.5	378
400	1.409	1.398	3.615	34.703	27.800	30.160	32.490	37.064	32.20	.154	1461.8	403
425	1.398	1.376	3.623	34.704	27.801	30.162	32.492	37.066	32.12	.162	1462.2	429
450	1.389	1.366	3.634	34.705	27.803	30.164	32.494	37.068	32.06	.170	1462.6	454
475	1.356	1.332	3.620	34.706	27.806	30.168	32.498	37.073	31.80	.178	1462.9	479
500	1.339	1.313	3.621	34.708	27.809	30.170	32.501	37.077	31.61	.186	1463.2	504
550	1.306	1.277	3.626	34.708	27.811	30.174	32.505	37.081	31.47	.202	1463.9	555
600	1.274	1.243	3.632	34.709	27.814	30.178	32.509	37.087	31.26	.218	1464.6	605
650	1.214	1.180	3.610	34.706	27.816	30.180	32.513	37.092	31.16	.233	1465.1	656
700	1.169	1.133	3.603	34.707	27.820	30.185	32.518	37.099	30.85	.249	1465.8	706
750	1.137	1.097	3.608	34.703	27.819	30.185	32.518	37.100	31.01	.264	1466.5	757
800	1.097	1.055	3.607	34.703	27.821	30.188	32.522	37.105	30.80	.280	1467.1	808
850	1.059	1.015	3.607	34.701	27.822	30.190	32.525	37.109	30.74	.295	1467.8	858
900	1.025	.978	3.611	34.701	27.825	30.193	32.528	37.114	30.56	.311	1468.5	909
950	.985	.935	3.608	34.699	27.826	30.195	32.531	37.117	30.47	.326	1469.1	959



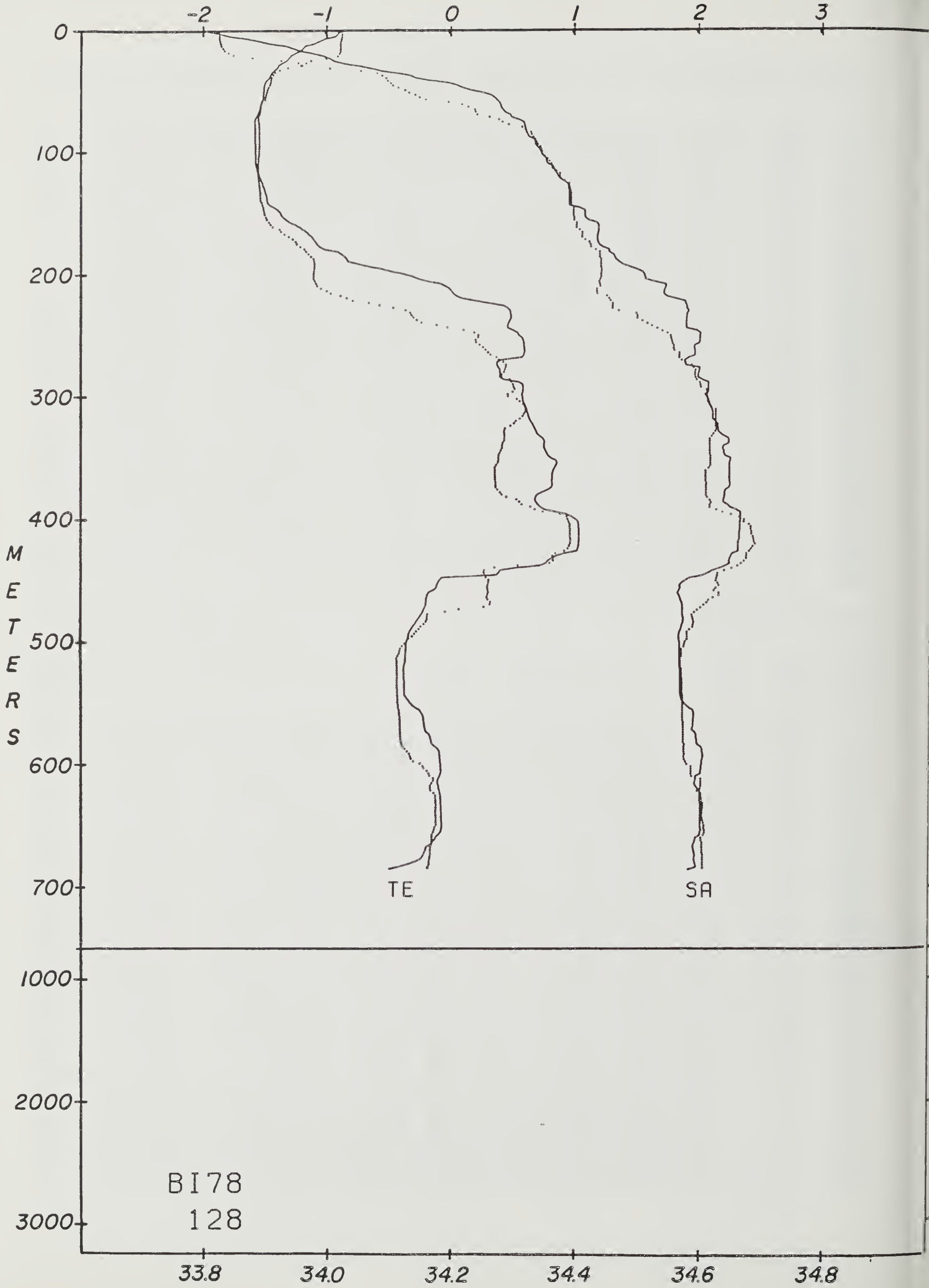
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
75 18.1S	175 28.0W	569	994	988.6	340	12	-1.7	0	0	0	200	28JAN78	BI	78	1	127	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .291	- .291	1.575	34.068	27.389	29.776	32.133	36.760	69.77	0.000	1446.7	0
10	- .258	- .259	1.621	34.165	27.466	29.852	32.207	36.833	62.50	.007	1447.1	10
20	- .303	- .303	1.586	34.204	27.500	29.886	32.243	36.869	59.25	.013	1447.1	20
30	- .276	- .277	1.624	34.255	27.539	29.925	32.280	36.906	55.53	.018	1447.5	30
40	- .235	- .236	1.674	34.281	27.558	29.943	32.299	36.922	53.68	.024	1447.9	40
50	- .187	- .189	1.731	34.307	27.577	29.961	32.315	36.937	51.93	.029	1448.3	50
60	- .093	- .095	1.835	34.348	27.606	29.988	32.341	36.960	49.19	.034	1449.0	60
70	- .000	- .003	1.937	34.382	27.628	30.009	32.361	36.977	47.07	.039	1449.6	71
80	.127	.124	2.074	34.428	27.659	30.038	32.387	36.999	44.22	.044	1450.4	81
90	.330	.327	2.268	34.478	27.688	30.063	32.409	37.015	41.53	.048	1451.6	91
100	.310	.306	2.277	34.492	27.701	30.077	32.423	37.029	40.30	.052	1451.7	101
125	.489	.484	2.477	34.538	27.727	30.100	32.444	37.045	37.85	.062	1452.9	126
150	.583	.577	2.590	34.529	27.715	30.087	32.429	37.026	39.10	.071	1453.8	151
175	.186	.179	2.211	34.518	27.728	30.106	32.454	37.063	37.65	.081	1452.4	176
200	.449	.440	2.495	34.570	27.755	30.129	32.473	37.075	35.25	.090	1454.0	202
225	.771	.761	2.838	34.599	27.759	30.128	32.467	37.060	35.08	.099	1456.0	227
250	.703	.692	2.789	34.600	27.764	30.134	32.475	37.069	34.57	.108	1456.1	252
275	.724	.712	2.831	34.616	27.776	30.146	32.485	37.079	33.56	.116	1456.6	277
300	.909	.895	3.036	34.646	27.789	30.155	32.492	37.081	32.55	.124	1457.9	302
325	.887	.872	3.033	34.648	27.791	30.159	32.496	37.085	32.32	.132	1458.2	328
350	.712	.697	2.877	34.635	27.792	30.162	32.502	37.096	32.15	.141	1457.8	353
375	.846	.829	3.030	34.649	27.794	30.163	32.501	37.091	32.06	.149	1458.8	378
400	.738	.739	2.960	34.642	27.794	30.164	32.503	37.096	32.03	.157	1458.9	403
425	.570	.551	2.791	34.634	27.800	30.172	32.514	37.112	31.33	.164	1458.4	429
450	.717	.697	2.959	34.662	27.813	30.184	32.523	37.117	30.27	.172	1459.5	454
475	.914	.891	3.175	34.678	27.814	30.181	32.518	37.106	30.52	.180	1460.8	479
500	.906	.882	3.186	34.666	27.805	30.173	32.510	37.098	31.40	.188	1461.2	504
550	.925	.898	3.243	34.683	27.817	30.185	32.521	37.109	30.38	.203	1462.1	555
600	.625	.597	2.980	34.645	27.805	30.178	32.519	37.115	31.08	.218	1461.6	605
650	.428	.398	2.821	34.651	27.822	30.197	32.541	37.143	29.24	.233	1461.5	656
700	.264	.233	2.693	34.625	27.810	30.188	32.535	37.142	30.01	.248	1461.6	706
750	.100	.067	2.567	34.623	27.817	30.198	32.547	37.159	29.03	.263	1461.7	757
800	- .079	- .113	2.426	34.611	27.817	30.200	32.552	37.169	28.65	.277	1461.7	808
850	- .025	- .062	2.518	34.628	27.828	30.210	32.562	37.177	27.72	.291	1462.8	858
900	- .016	- .055	2.566	34.628	27.827	30.210	32.561	37.177	27.75	.305	1463.7	909
950	- .095	- .136	2.524	34.621	27.826	30.210	32.562	37.180	27.67	.319	1464.1	959
985	- .169	- .212	2.477	34.623	27.831	30.216	32.569	37.189	26.94	.329	1464.4	995

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
75 18.6S	175 28.0W	569	994	987.5	340	10	-2.2	0	0	0	330	28JAN78	BI	78	2	127	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.70	-0.70	1.15	33.736	27.14	29.53							0	127
959	-0.18	-0.22	2.45	34.611	27.82	30.21							0	127

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .688	- .688	1.159	33.730	27.134	29.528	31.892	36.534	94.02	0.000	1444.4	0
10	- .457	- .457	1.401	33.800	27.181	29.571	31.932	36.566	89.52	.009	1445.7	10
20	- .282	- .283	1.598	34.041	27.367	29.753	32.110	36.738	71.85	.017	1447.0	20
30	- .263	- .264	1.635	34.236	27.524	29.909	32.265	36.890	56.99	.024	1447.5	30
40	- .260	- .261	1.648	34.257	27.541	29.926	32.281	36.906	55.37	.029	1447.7	40
50	- .242	- .243	1.674	34.271	27.551	29.936	32.291	36.915	54.40	.035	1448.0	50
60	- .276	- .278	1.651	34.324	27.595	29.980	32.336	36.960	50.20	.040	1448.1	60
70	- .378	- .380	1.559	34.383	27.647	30.034	32.391	37.018	45.22	.045	1447.9	71
80	- .359	- .361	1.589	34.429	27.684	30.070	32.426	37.052	41.75	.049	1448.2	81
90	- .318	- .314	2.275	34.474	27.686	30.061	32.408	37.014	41.71	.053	1451.5	91
100	- .387	- .383	2.354	34.512	27.712	30.087	32.432	37.036	39.24	.057	1452.0	101
125	- .442	- .436	2.428	34.515	27.711	30.085	32.429	37.031	39.35	.067	1452.7	126
150	- .471	- .476	1.532	34.481	27.731	30.118	32.476	37.105	37.15	.077	1448.9	151
175	- .344	- .350	1.679	34.486	27.729	30.115	32.471	37.096	37.30	.086	1449.9	176
200	- .107	- .100	2.151	34.523	27.737	30.116	32.465	37.077	36.80	.095	1452.4	202
225	- .643	- .633	2.710	34.589	27.759	30.130	32.471	37.067	35.01	.104	1455.4	227
250	- .910	- .899	2.998	34.630	27.775	30.142	32.479	37.067	33.70	.113	1457.0	252
275	- .558	- .545	3.066	34.647	27.786	30.153	32.489	37.075	32.77	.121	1457.7	277
300	- .969	- .954	3.096	34.656	27.792	30.159	32.495	37.081	32.24	.129	1458.2	302
325	1.012	.996	3.159	34.664	27.796	30.162	32.497	37.082	31.98	.137	1458.8	328
350	- .994	- .977	3.160	34.659	27.793	30.159	32.495	37.080	32.30	.145	1459.1	353
375	- .960	- .942	3.145	34.663	27.798	30.165	32.501	37.088	31.80	.153	1459.4	378
400	1.021	1.002	3.225	34.664	27.795	30.161	32.497	37.082	32.21	.161	1460.1	403
425	- .992	- .971	3.215	34.682	27.811	30.178	32.513	37.099	30.72	.169	1460.4	429
450	- .934	- .912	3.176	34.672	27.807	30.175	32.511	37.099	31.08	.177	1460.5	454
475	- .825	- .803	3.086	34.666	27.810	30.178	32.517	37.107	30.79	.185	1460.4	479
500	- .767	- .743	3.046	34.664	27.812	30.182	32.521	37.113	30.52	.192	1460.6	504
550	- .695	- .669	3.012	34.660	27.813	30.184	32.524	37.118	30.40	.208	1461.1	555
600	- .609	- .581	2.964	34.656	27.815	30.188	32.529	37.126	30.14	.223	1461.5	605
650	- .359	- .330	2.751	34.639	27.816	30.192	32.538	37.142	29.65	.239	1461.2	656
700	- .321	- .289	2.751	34.641	27.820	30.197	32.542	37.148	29.25	.252	1461.9	706
750	- .210	- .176	2.678	34.638	27.823	30.202	32.550	37.158	28.71	.267	1462.2	757
800	- .166	- .130	2.671	34.629	27.819	30.198	32.546	37.156	29.04	.281	1462.8	808
850	- .111	- .073	2.654	34.630	27.822	30.203	32.552	37.164	28.55	.296	1463.4	858
900	- .053	- .092	2.528	34.618	27.821	30.204	32.556	37.173	28.23	.310	1463.5	909
950	- .150	- .191	2.469	34.617	27.825	30.210	32.563	37.182	27.56	.324	1463.9	959
975	- .164	- .207	2.474	34.618	27.827	30.212	32.565	37.185	27.36	.331	1464.2	985



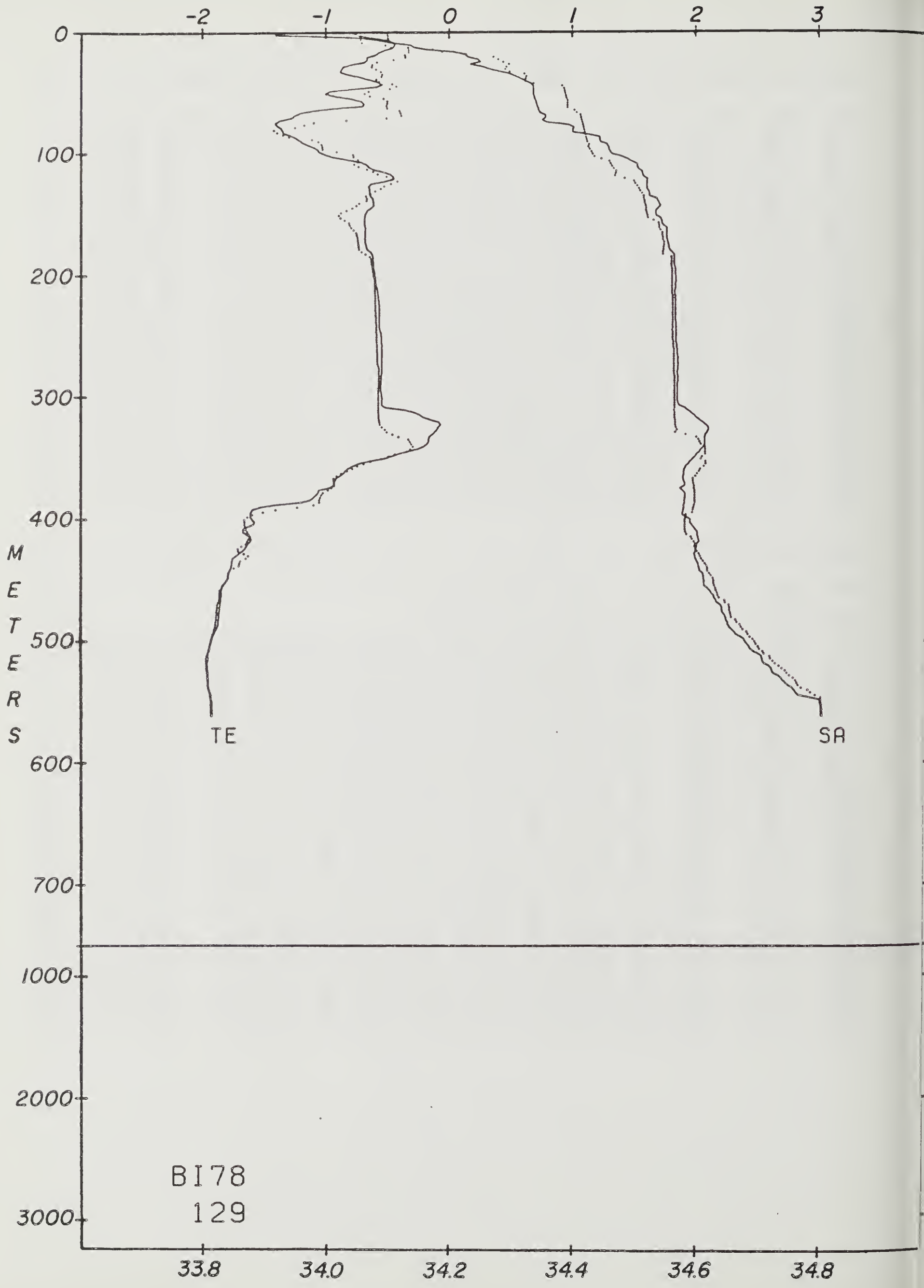
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 21.4S	175 29.3W	569	708	982.4	110	7	-1.2	0		0	0	1907	28JAN78	BI	78	1	128

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .880	- .880	.976	33.885	27.266	29.663	32.029	36.675	81.45	0.000	1443.7	0
10	- .880	- .880	.983	33.885	27.266	29.663	32.029	36.675	81.41	.008	1443.8	10
20	- .880	- .881	.991	33.885	27.266	29.663	32.029	36.675	81.36	.016	1444.0	20
30	- .936	- .937	.944	33.912	27.290	29.687	32.055	36.703	79.04	.024	1444.0	30
40	-1.184	-1.185	.709	34.014	27.381	29.782	32.153	36.807	70.34	.032	1443.1	40
50	-1.322	-1.323	.583	34.084	27.442	29.845	32.218	36.875	64.50	.039	1442.7	50
60	-1.437	-1.439	.481	34.192	27.533	29.937	32.311	36.971	55.84	.045	1442.5	60
70	-1.492	-1.494	.439	34.282	27.608	30.012	32.387	37.048	48.69	.050	1442.5	71
80	-1.505	-1.507	.438	34.342	27.657	30.061	32.435	37.096	44.03	.054	1442.7	81
90	-1.537	-1.539	.414	34.358	27.670	30.075	32.450	37.112	42.69	.059	1442.8	91
100	-1.565	-1.567	.396	34.388	27.696	30.101	32.476	37.138	40.22	.063	1442.8	101
125	-1.559	-1.562	.422	34.419	27.721	30.125	32.500	37.163	37.74	.073	1443.3	126
130	-1.490	-1.493	.513	34.459	27.751	30.154	32.528	37.188	34.77	.082	1444.1	151
175	-1.313	-1.317	.710	34.491	27.772	30.172	32.543	37.197	32.79	.090	1445.4	176
200	- .905	- .911	1.139	34.526	27.785	30.179	32.544	37.185	31.66	.098	1447.8	202
225	- .091	- .099	1.977	34.611	27.818	30.199	32.551	37.168	29.03	.106	1452.1	227
250	.507	.496	2.596	34.652	27.817	30.190	32.533	37.132	29.44	.113	1455.2	252
275	.615	.603	2.723	34.660	27.818	30.189	32.530	37.126	29.52	.120	1456.2	277
300	.438	.425	2.566	34.670	27.836	30.210	32.554	37.155	27.65	.128	1455.8	302
325	.637	.623	2.786	34.690	27.840	30.211	32.552	37.148	27.46	.134	1457.1	328
350	.776	.760	2.945	34.716	27.853	30.222	32.560	37.152	26.46	.141	1458.2	353
375	.841	.823	3.029	34.718	27.850	30.219	32.556	37.146	26.80	.148	1458.9	378
400	.732	.713	2.939	34.716	27.856	30.226	32.565	37.157	26.23	.155	1458.8	403
425	1.055	1.035	3.282	34.733	27.849	30.214	32.548	37.132	27.29	.161	1460.7	429
450	.509	.489	2.753	34.696	27.853	30.226	32.569	37.168	26.28	.168	1458.6	454
475	- .185	- .203	2.075	34.638	27.844	30.228	32.581	37.201	26.19	.174	1455.8	479
500	- .319	- .338	1.959	34.636	27.849	30.235	32.590	37.214	25.55	.181	1455.6	504
550	- .356	- .377	1.960	34.638	27.852	30.239	32.594	37.219	25.11	.194	1456.3	555
600	- .069	- .094	2.287	34.673	27.866	30.248	32.600	37.216	24.22	.206	1458.5	605
650	- .056	- .083	2.338	34.669	27.862	30.245	32.596	37.212	24.55	.218	1459.4	656
687	- .483	- .509	1.938	34.650	27.868	30.256	32.614	37.243	23.21	.227	1458.0	693

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 20.1S	175 33.6W	569	708	981.6	120	9	-2.2	0		0	0	2025	28JAN78	BI	78	2	128

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.79	-0.79	1.06	33.831	27.22	29.61							0	128
675	-0.24	-0.27	2.17	34.611	27.82	30.21							0	128

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .865	- .865	.987	33.830	27.221	29.618	31.984	36.630	85.72	0.000	1443.7	0
10	- .872	- .873	.988	33.831	27.222	29.619	31.986	36.632	85.58	.009	1443.8	10
20	- .884	- .885	.984	33.845	27.234	29.630	31.997	36.644	84.46	.017	1443.9	20
30	-1.206	-1.207	.677	33.970	27.346	29.747	32.119	36.774	73.73	.025	1442.8	30
40	-1.432	-1.433	.466	34.098	27.457	29.861	32.235	36.896	63.16	.032	1442.1	40
50	-1.464	-1.466	.443	34.129	27.483	29.887	32.262	36.924	60.65	.038	1442.1	50
60	-1.504	-1.505	.415	34.196	27.538	29.943	32.318	36.980	55.35	.044	1442.2	60
70	-1.527	-1.529	.402	34.248	27.581	29.986	32.362	37.024	51.20	.049	1442.3	71
80	-1.529	-1.530	.412	34.314	27.635	30.039	32.414	37.076	46.10	.054	1442.6	81
90	-1.528	-1.530	.422	34.340	27.655	30.060	32.434	37.097	44.10	.059	1442.8	91
100	-1.530	-1.532	.429	34.351	27.664	30.069	32.444	37.106	43.20	.063	1442.9	101
125	-1.532	-1.535	.447	34.391	27.697	30.102	32.476	37.138	39.99	.073	1443.4	126
150	-1.489	-1.492	.511	34.402	27.705	30.109	32.482	37.143	39.13	.083	1444.0	151
175	-1.229	-1.234	.790	34.428	27.718	30.117	32.487	37.139	37.93	.093	1445.7	176
200	-1.086	-1.092	.953	34.446	27.727	30.125	32.492	37.140	36.99	.102	1446.8	202
225	- .596	- .603	1.464	34.465	27.723	30.113	32.473	37.106	37.59	.111	1449.5	227
250	.242	.232	2.326	34.558	27.757	30.134	32.481	37.089	34.92	.121	1453.9	252
275	.467	.455	2.572	34.593	27.773	30.147	32.490	37.091	33.62	.129	1455.4	277
300	.496	.483	2.621	34.617	27.791	30.164	32.507	37.107	32.00	.137	1456.0	302
325	.482	.468	2.627	34.631	27.803	30.176	32.519	37.120	30.89	.145	1456.3	328
350	.403	.388	2.567	34.622	27.800	30.175	32.519	37.122	31.10	.153	1456.4	353
375	.390	.374	2.572	34.615	27.795	30.170	32.515	37.118	31.55	.161	1456.7	378
400	.965	.946	3.170	34.677	27.809	30.176	32.512	37.098	30.83	.169	1459.8	403
425	.949	.929	3.173	34.687	27.818	30.185	32.521	37.108	30.03	.176	1460.2	429
450	.324	.305	2.564	34.631	27.812	30.188	32.533	37.138	29.92	.184	1457.7	454
475	.025	.006	2.282	34.599	27.802	30.182	32.533	37.147	30.47	.191	1456.7	479
500	- .342	- .360	1.933	34.580	27.805	30.191	32.547	37.172	29.63	.199	1455.4	504
550	- .411	- .432	1.901	34.577	27.806	30.193	32.550	37.177	29.39	.213	1455.9	555
600	- .232	- .256	2.119	34.585	27.803	30.188	32.542	37.164	29.82	.228	1457.6	605
650	- .103	- .130	2.288	34.612	27.819	30.202	32.554	37.172	28.53	.243	1459.1	656
685	- .174	- .202	2.244	34.610	27.821	30.205	32.558	37.178	28.19	.253	1459.3	691



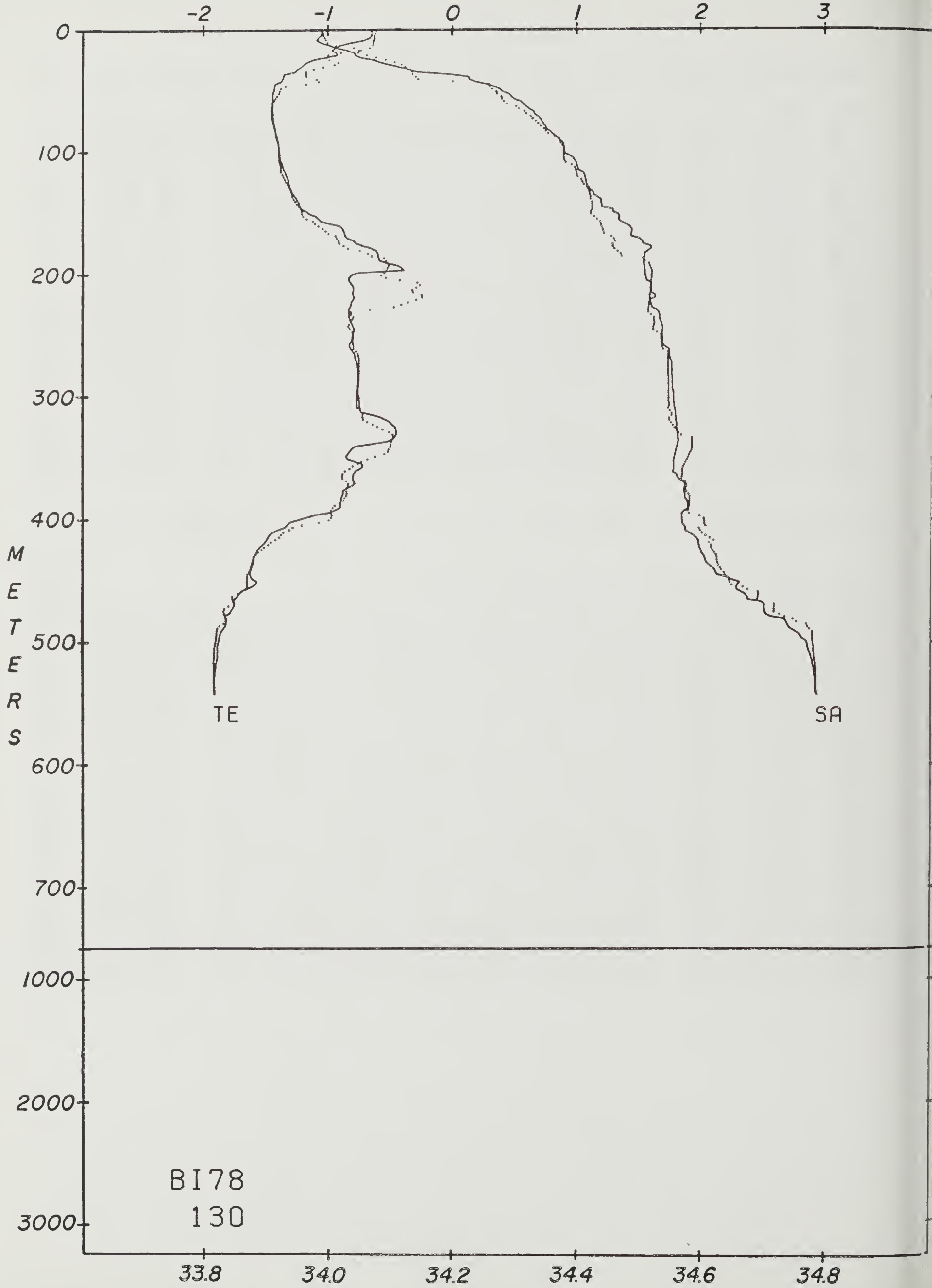
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 26.05 175 30.0W 569 570 981.0 140 14 -0.9 0 0 0 2320 28JAN78 BI 78 1 129

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.785	-1.785	1.073	33.927	27.296	29.691	32.056	36.699	78.58	0.000	1444.2	0
10	-1.437	-1.437	1.439	34.107	27.427	29.816	32.175	36.806	66.16	.007	1446.2	10
20	-1.606	-1.607	1.284	34.226	27.531	29.922	32.283	36.918	56.30	.013	1445.8	20
30	-1.864	-1.965	1.035	34.253	27.563	29.957	32.322	36.965	53.25	.019	1444.8	30
40	-1.646	-1.647	1.265	34.318	27.606	29.997	32.359	36.994	49.10	.024	1446.0	40
50	-1.963	-1.964	.957	34.338	27.635	30.031	32.397	37.042	46.28	.029	1444.8	50
60	-1.695	-1.697	1.232	34.343	27.629	30.020	32.382	37.019	46.91	.033	1446.2	60
70	-1.247	-1.249	.688	34.358	27.662	30.062	32.432	37.085	43.68	.038	1443.8	71
80	-1.360	-1.362	.586	34.403	27.702	30.104	32.475	37.132	39.78	.042	1443.5	81
90	-1.215	-1.217	.741	34.446	27.732	30.131	32.501	37.152	36.94	.046	1444.4	91
100	-1.044	-1.047	.921	34.463	27.740	30.136	32.503	37.149	36.23	.050	1445.4	101
125	-1.578	-1.582	1.409	34.523	27.769	30.159	32.518	37.150	33.49	.058	1448.0	126
150	-1.675	-1.680	1.332	34.537	27.784	30.175	32.536	37.170	31.97	.066	1448.0	151
175	-1.678	-1.684	1.349	34.558	27.802	30.192	32.553	37.188	30.28	.074	1448.5	176
200	-1.601	-1.608	1.445	34.569	27.808	30.197	32.557	37.189	29.68	.082	1449.2	202
225	-1.567	-1.574	1.499	34.569	27.806	30.195	32.554	37.185	29.81	.089	1449.8	227
250	-1.549	-1.557	1.536	34.570	27.806	30.195	32.554	37.184	29.77	.097	1450.3	252
275	-1.544	-1.553	1.560	34.573	27.808	30.197	32.556	37.186	29.51	.104	1450.7	277
300	-1.548	-1.559	1.574	34.572	27.808	30.196	32.555	37.186	29.51	.111	1451.1	302
325	-1.073	-1.086	2.071	34.620	27.824	30.206	32.557	37.174	28.36	.119	1453.8	328
350	-1.474	-1.487	1.588	34.600	27.827	30.214	32.572	37.200	27.69	.126	1452.4	353
375	-1.956	-1.968	1.224	34.581	27.831	30.226	32.592	37.234	26.69	.132	1450.5	378
400	-1.602	-1.613	.597	34.586	27.857	30.262	32.637	37.300	23.40	.139	1447.9	403
425	-1.644	-1.655	.576	34.602	27.871	30.277	32.653	37.316	21.90	.144	1448.1	429
450	-1.791	-1.803	.448	34.614	27.885	30.293	32.671	37.339	20.27	.150	1447.9	454
475	-1.857	-1.869	.402	34.644	27.911	30.320	32.699	37.368	17.62	.154	1448.0	479
500	-1.921	-1.933	.360	34.680	27.942	30.351	32.731	37.402	14.53	.158	1448.2	504
550	-1.925	-1.939	.401	34.802	28.041	30.450	32.830	37.500	4.91	.163	1449.2	555
563	-1.918	-1.932	.418	34.805	28.043	30.452	32.831	37.501	4.66	.164	1449.4	568

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
75 26.05 175 30.0W 569 570 980.9 130 13 -1.5 0 0 0 10 29JAN78 BI 78 2 129

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.69	-0.69	1.17	33.929	27.29	29.69							0	129
553	-1.92	-1.93	0.41	34.804	28.04	30.45							0	129

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.710	-1.710	1.148	33.929	27.295	29.689	32.053	36.693	78.70	0.000	1444.5	0
10	-1.670	-1.671	1.205	34.105	27.436	29.828	32.190	36.829	65.35	.007	1445.1	10
20	-1.354	-1.354	1.537	34.229	27.522	29.909	32.266	36.893	57.19	.013	1446.9	20
30	-1.618	-1.618	1.284	34.295	27.587	29.978	32.339	36.973	50.96	.019	1446.0	30
40	-1.578	-1.580	1.333	34.326	27.611	30.000	32.361	36.994	48.72	.024	1446.4	40
50	-1.640	-1.641	1.283	34.389	27.664	30.055	32.416	37.050	43.62	.028	1446.3	50
60	-1.498	-1.500	1.432	34.394	27.662	30.050	32.409	37.040	43.84	.033	1447.2	60
70	-1.401	-1.403	1.538	34.415	27.675	30.062	32.418	37.046	42.62	.037	1447.8	71
80	-1.273	-1.275	.674	34.420	27.713	30.113	32.484	37.137	38.77	.041	1443.9	81
90	-1.127	-1.129	.828	34.425	27.712	30.110	32.478	37.127	38.86	.045	1444.8	91
100	-1.891	-1.894	1.072	34.433	27.709	30.103	32.468	37.110	39.15	.049	1446.0	101
125	-1.445	-1.449	1.541	34.503	27.747	30.135	32.492	37.120	35.61	.058	1448.6	126
150	-1.867	-1.872	1.139	34.523	27.782	30.175	32.539	37.179	32.16	.067	1447.1	151
175	-1.732	-1.737	1.295	34.551	27.798	30.190	32.552	37.188	30.56	.075	1448.2	176
200	-1.609	-1.616	1.437	34.564	27.804	30.194	32.553	37.186	30.05	.082	1449.2	202
225	-1.594	-1.601	1.472	34.565	27.804	30.194	32.553	37.185	29.99	.090	1449.7	227
250	-1.584	-1.592	1.501	34.565	27.804	30.193	32.552	37.184	29.98	.097	1450.1	252
275	-1.572	-1.581	1.532	34.567	27.805	30.194	32.553	37.185	29.83	.105	1450.6	277
300	-1.571	-1.581	1.551	34.568	27.805	30.195	32.554	37.185	29.70	.112	1451.0	302
325	-1.548	-1.559	1.593	34.570	27.806	30.195	32.553	37.184	29.64	.119	1451.6	328
350	-1.496	-1.508	1.667	34.614	27.839	30.227	32.585	37.214	26.52	.126	1452.3	353
375	-1.937	-1.948	1.245	34.599	27.846	30.240	32.605	37.247	25.37	.133	1450.6	378
400	-1.624	-1.635	.575	34.585	27.357	30.262	32.637	37.300	23.43	.139	1447.8	403
425	-1.687	-1.698	.532	34.601	27.872	30.278	32.654	37.319	21.81	.145	1447.9	429
450	-1.786	-1.797	.454	34.630	27.898	30.305	32.683	37.351	19.12	.150	1447.9	454
475	-1.873	-1.885	.387	34.657	27.922	30.331	32.710	37.380	16.58	.154	1448.0	479
500	-1.922	-1.934	.360	34.694	27.954	30.363	32.743	37.414	13.41	.158	1448.2	504
550	-1.923	-1.937	.403	34.805	28.043	30.453	32.832	37.502	4.71	.163	1449.2	555
563	-1.919	-1.933	.417	34.807	28.045	30.454	32.833	37.503	4.50	.163	1449.4	568



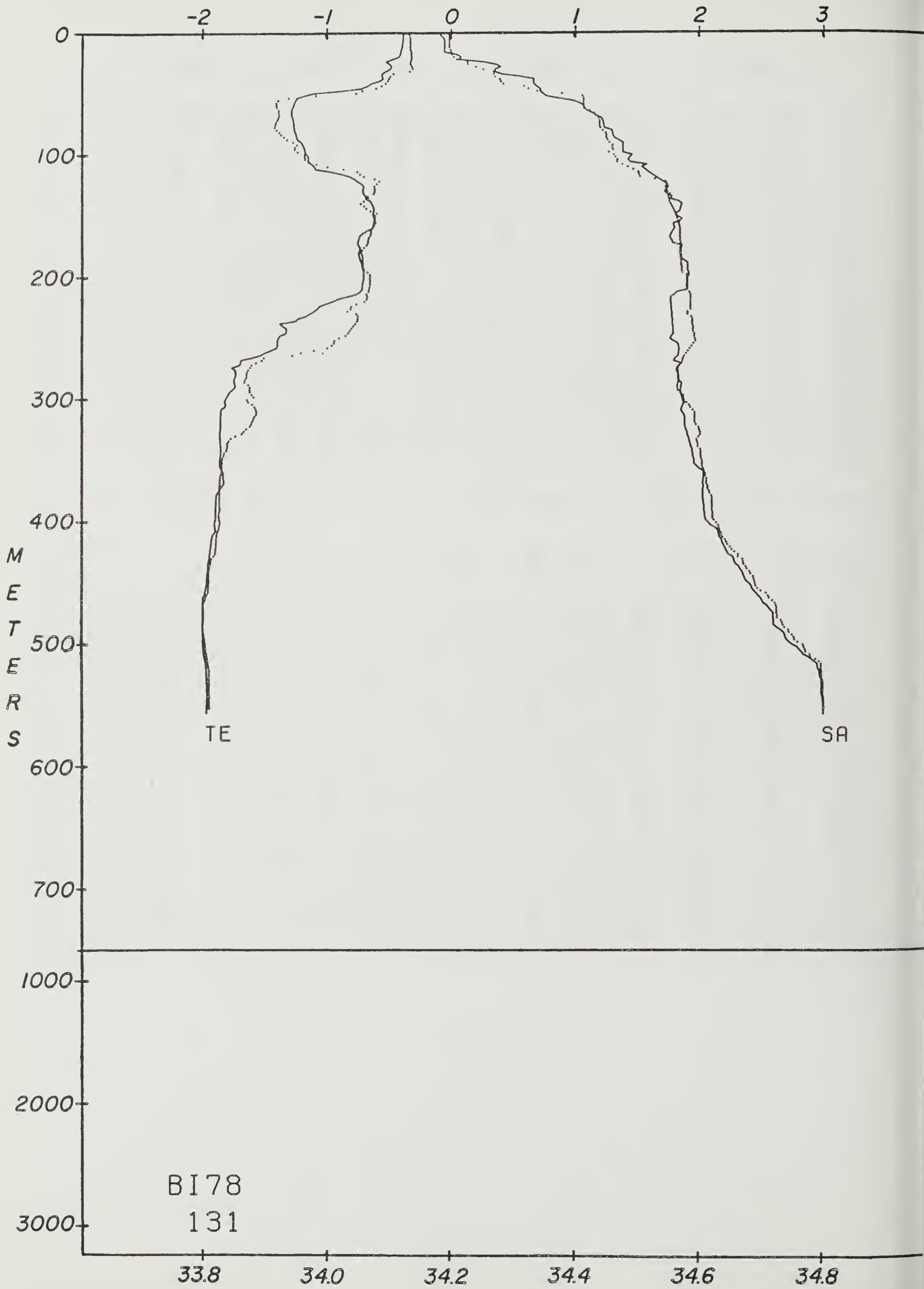
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
76	7.6S	175	28.4W	569	551	980.5	140	16	-1.1	0	0	0	305	29JAN78	BI	78	1	130

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.645	-1.645	1.217	33.990	27.342	29.734	32.097	36.735	74.28	0.000	1444.9	0
10	-1.724	-1.724	1.145	33.983	27.339	29.733	32.097	36.737	74.50	.007	1444.7	10
20	-1.940	-1.941	.939	34.041	27.395	29.791	32.158	36.805	69.20	.015	1443.9	20
30	-1.192	-1.193	.698	34.100	27.451	29.851	32.221	36.875	63.84	.021	1443.0	30
40	-1.354	-1.355	.552	34.225	27.558	29.960	32.332	36.990	53.64	.027	1442.6	40
50	-1.428	-1.429	.488	34.276	27.601	30.004	32.378	37.037	49.48	.032	1442.5	50
60	-1.441	-1.442	.485	34.310	27.629	30.032	32.406	37.065	46.76	.037	1442.6	60
70	-1.436	-1.437	.499	34.334	27.648	30.051	32.425	37.084	44.89	.042	1442.9	71
80	-1.426	-1.428	.517	34.350	27.661	30.064	32.437	37.096	43.67	.046	1443.1	81
90	-1.408	-1.410	.544	34.371	27.677	30.080	32.453	37.111	42.05	.050	1443.4	91
100	-1.388	-1.390	.572	34.381	27.685	30.087	32.459	37.117	41.31	.055	1443.7	101
125	-1.311	-1.315	.669	34.416	27.710	30.111	32.482	37.137	38.80	.065	1444.5	126
150	-1.167	-1.171	.836	34.461	27.742	30.141	32.509	37.159	35.76	.074	1445.6	151
175	-1.777	-1.782	1.248	34.508	27.766	30.159	32.521	37.158	33.60	.083	1447.9	176
200	-1.689	-1.695	1.354	34.511	27.765	30.156	32.517	37.152	33.70	.091	1448.7	202
225	-1.810	-1.817	1.253	34.522	27.778	30.171	32.534	37.173	32.29	.099	1448.6	227
250	-1.795	-1.802	1.288	34.539	27.792	30.184	32.547	37.185	30.95	.107	1449.1	252
275	-1.762	-1.771	1.340	34.555	27.803	30.195	32.557	37.194	29.83	.115	1449.7	277
300	-1.752	-1.761	1.370	34.558	27.805	30.197	32.559	37.196	29.59	.122	1450.2	302
325	-1.466	-1.477	1.675	34.563	27.797	30.185	32.542	37.170	30.55	.130	1451.9	328
350	-1.848	-1.859	1.312	34.559	27.809	30.203	32.567	37.206	28.94	.137	1450.6	353
375	-1.822	-1.834	1.358	34.576	27.822	30.215	32.578	37.217	27.69	.144	1451.1	378
400	-1.164	-1.176	1.034	34.571	27.831	30.230	32.598	37.247	26.35	.151	1449.9	403
425	-1.545	-1.557	.674	34.601	27.868	30.272	32.646	37.306	22.37	.157	1448.6	429
450	-1.591	-1.603	.650	34.655	27.913	30.318	32.692	37.353	17.96	.162	1448.9	454
475	-1.761	-1.773	.502	34.704	27.958	30.365	32.742	37.408	13.40	.166	1448.6	479
500	-1.866	-1.879	.420	34.770	28.013	30.422	32.800	37.469	7.89	.169	1448.6	504
544	-1.900	-1.913	.421	34.790	28.031	30.440	32.818	37.488	5.98	.172	1449.2	549

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
76	7.6S	175	28.4W	569	551	980.4	140	14	-1.6	0	0	0	350	29JAN78	BI	78	2	130

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.60	-0.60	1.26	33.990	27.34	29.73							0	130
538	-1.90	-1.91	0.42	34.785	28.03	30.44							0	130

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.596	-1.596	1.265	33.989	27.339	29.731	32.092	36.729	74.55	0.000	1445.1	0
10	-1.625	-1.625	1.245	33.997	27.347	29.739	32.101	36.738	73.80	.007	1445.2	10
20	-1.886	-1.886	.995	34.054	27.403	29.799	32.165	36.809	68.42	.015	1444.2	20
30	-1.951	-1.952	.941	34.119	27.458	29.854	32.221	36.868	63.16	.021	1444.2	30
40	-1.153	-1.154	.748	34.141	27.483	29.883	32.252	36.905	60.72	.027	1443.4	40
50	-1.371	-1.373	.544	34.266	27.591	29.993	32.366	37.024	50.45	.033	1442.7	50
60	-1.428	-1.430	.496	34.284	27.607	30.010	32.384	37.043	48.84	.038	1442.7	60
70	-1.448	-1.450	.485	34.321	27.638	30.041	32.415	37.075	45.87	.043	1442.8	71
80	-1.429	-1.430	.514	34.343	27.655	30.058	32.431	37.090	44.18	.047	1443.1	81
90	-1.401	-1.403	.550	34.371	27.677	30.079	32.452	37.110	42.11	.051	1443.4	91
100	-1.386	-1.388	.574	34.380	27.684	30.086	32.458	37.116	41.40	.056	1443.7	101
125	-1.335	-1.338	.646	34.409	27.706	30.107	32.479	37.134	39.23	.066	1444.4	126
150	-1.204	-1.208	.797	34.425	27.714	30.113	32.483	37.134	38.37	.075	1445.4	151
175	-1.904	-1.910	1.117	34.461	27.733	30.128	32.492	37.134	36.66	.085	1447.3	176
200	-1.543	-1.549	1.501	34.523	27.768	30.157	32.515	37.146	33.51	.093	1449.4	202
225	-1.381	-1.389	1.682	34.518	27.757	30.143	32.500	37.126	34.60	.102	1450.6	227
250	-1.796	-1.804	1.287	34.537	27.790	30.182	32.545	37.183	31.13	.110	1449.1	252
275	-1.746	-1.754	1.357	34.549	27.797	30.190	32.551	37.198	30.37	.118	1449.8	277
300	-1.761	-1.771	1.360	34.550	27.799	30.191	32.553	37.190	30.15	.125	1450.1	302
325	-1.611	-1.622	1.530	34.558	27.799	30.190	32.549	37.182	30.18	.133	1451.2	328
350	-1.611	-1.623	1.550	34.581	27.818	30.208	32.567	37.200	28.40	.140	1451.7	353
375	-1.841	-1.853	1.339	34.578	27.925	30.218	32.582	37.221	27.41	.147	1451.0	378
400	-1.970	-1.983	1.230	34.606	27.853	30.248	32.613	37.256	24.60	.154	1450.9	403
425	-1.514	-1.525	.707	34.620	27.382	30.286	32.659	37.318	21.05	.160	1448.8	429
450	-1.638	-1.650	.603	34.648	27.908	30.314	32.689	37.352	18.31	.164	1448.7	454
475	-1.824	-1.836	.440	34.720	27.972	30.380	32.758	37.426	11.97	.168	1448.3	479
500	-1.888	-1.901	.399	34.783	28.024	30.433	32.812	37.481	6.83	.171	1448.5	504
541	-1.900	-1.914	.418	34.788	28.029	30.438	32.817	37.486	6.14	.173	1449.1	546



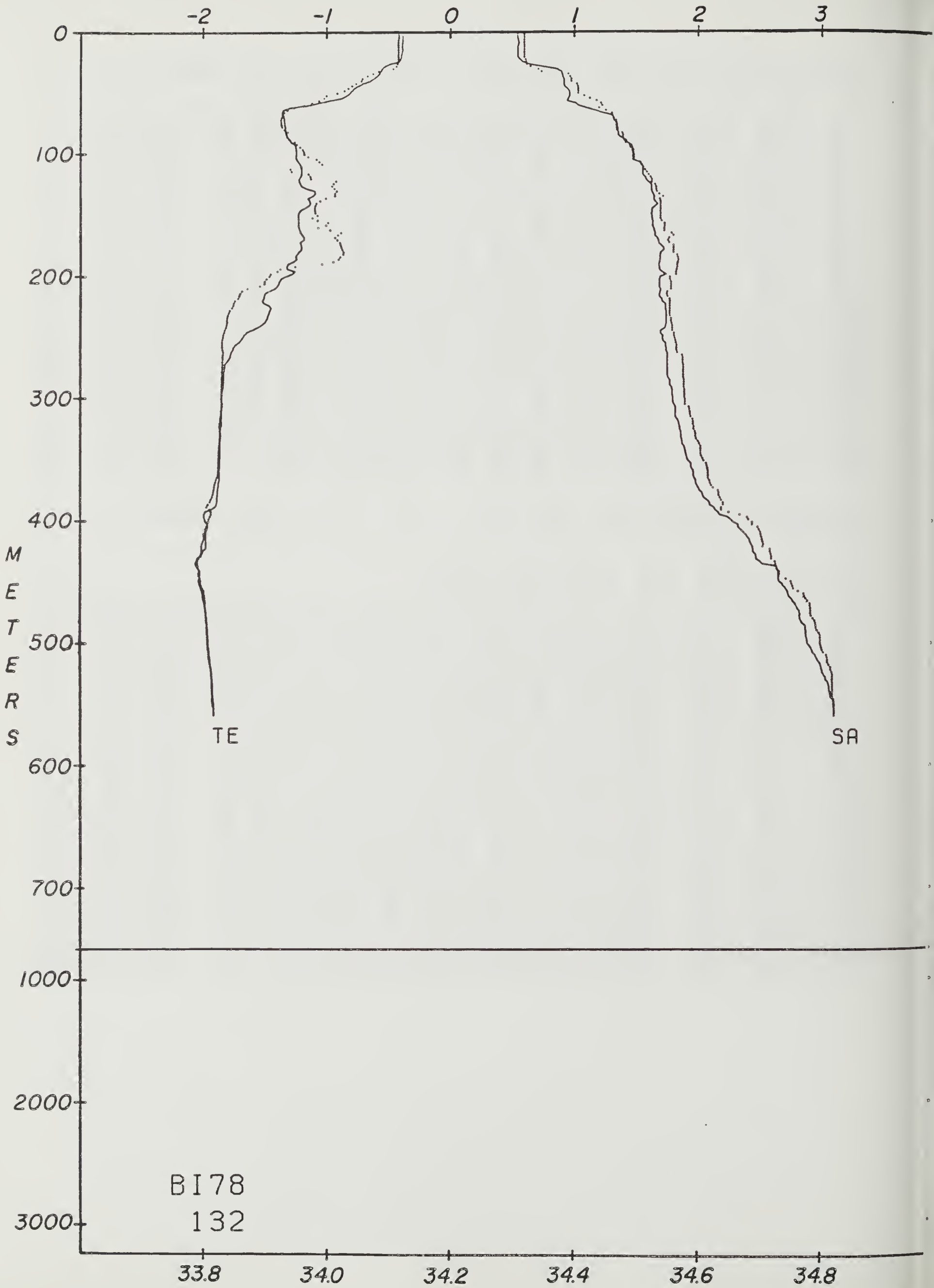
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
76 40.35	175 19.9W	569	564	981.1	130	14	-1.5	0		0	0	740	29JAN78	BI	78	1	131	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .374	- .374	1.499	34.186	27.488	29.876	32.233	36.862	60.40	0.000	1446.4	0
10	- .383	- .383	1.498	34.192	27.494	29.881	32.239	36.868	59.88	.006	1446.6	10
20	- .417	- .417	1.473	34.218	27.516	29.904	32.262	36.891	57.74	.012	1446.6	20
30	- .487	- .488	1.414	34.274	27.565	29.953	32.312	36.943	53.11	.017	1446.5	30
40	- .573	- .574	1.339	34.336	27.618	30.008	32.368	37.001	48.00	.022	1446.4	40
50	-1.092	-1.093	.828	34.351	27.651	30.049	32.416	37.065	44.80	.027	1444.2	50
60	-1.263	-1.265	.668	34.416	27.709	30.109	32.479	37.132	39.23	.031	1443.6	60
70	-1.269	-1.270	.672	34.443	27.731	30.131	32.501	37.154	37.13	.035	1443.8	71
80	-1.251	-1.253	.698	34.461	27.745	30.145	32.515	37.167	35.76	.039	1444.1	81
90	-1.199	-1.201	.759	34.480	27.758	30.157	32.526	37.177	34.45	.042	1444.5	91
100	-1.152	-1.155	.814	34.491	27.766	30.164	32.532	37.182	33.70	.046	1444.9	101
125	- .697	- .700	1.292	34.552	27.798	30.189	32.550	37.185	30.73	.054	1447.5	126
150	- .613	- .618	1.395	34.568	27.807	30.197	32.556	37.189	29.85	.061	1448.4	151
175	- .727	- .732	1.301	34.574	27.817	30.208	32.570	37.205	28.82	.069	1448.2	176
200	- .690	- .696	1.358	34.585	27.824	30.215	32.576	37.210	28.10	.076	1448.9	202
225	-1.057	-1.063	1.008	34.558	27.817	30.213	32.580	37.226	28.48	.083	1447.5	227
250	-1.379	-1.386	.705	34.557	27.827	30.229	32.600	37.256	27.19	.090	1446.4	252
275	-1.735	-1.741	.369	34.567	27.845	30.252	32.629	37.296	25.06	.096	1445.2	277
300	-1.797	-1.804	.326	34.577	27.855	30.263	32.641	37.309	23.94	.102	1445.3	302
325	-1.840	-1.847	.303	34.583	27.861	30.269	32.648	37.318	23.23	.108	1445.5	328
350	-1.843	-1.851	.319	34.595	27.871	30.280	32.658	37.328	22.13	.114	1446.0	353
375	-1.852	-1.861	.330	34.609	27.883	30.291	32.670	37.339	20.88	.119	1446.3	378
400	-1.881	-1.891	.320	34.618	27.890	30.299	32.679	37.349	19.97	.125	1446.6	403
425	-1.921	-1.931	.301	34.649	27.917	30.327	32.706	37.378	17.28	.129	1446.9	429
450	-1.949	-1.960	.294	34.684	27.945	30.355	32.735	37.408	14.43	.133	1447.2	454
475	-1.975	-1.987	.289	34.722	27.977	30.388	32.768	37.440	11.26	.136	1447.6	479
500	-1.979	-1.991	.306	34.753	28.003	30.413	32.793	37.465	8.72	.139	1448.0	504
550	-1.946	-1.960	.360	34.804	28.043	30.453	32.832	37.503	4.70	.142	1449.1	555
557	-1.947	-1.961	.384	34.804	28.043	30.453	32.832	37.503	4.65	.143	1449.2	562

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
76 40.35	175 19.9W	569	560	981.2	130	14	-1.7	0		0	0	830	29JAN78	BI	78	2	131	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.32	-0.32	1.55	34.194	27.49	29.88							0	131
545	-1.92	-1.93	0.40	34.801	28.04	30.45							0	131

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .334	- .334	1.540	34.195	27.494	29.881	32.238	36.865	59.88	0.000	1446.6	0
10	- .318	- .318	1.564	34.200	27.497	29.884	32.240	36.867	59.55	.006	1446.9	10
20	- .308	- .309	1.581	34.207	27.502	29.888	32.245	36.871	59.04	.012	1447.1	20
30	- .302	- .303	1.597	34.256	27.541	29.927	32.284	36.910	55.31	.018	1447.4	30
40	- .501	- .502	1.408	34.284	27.573	29.962	32.321	36.952	52.29	.023	1446.7	40
50	- .817	- .819	1.105	34.390	27.664	30.057	32.420	37.061	43.64	.028	1445.5	50
60	-1.398	-1.400	.533	34.416	27.713	30.116	32.488	37.145	38.79	.032	1443.0	60
70	-1.382	-1.384	.558	34.440	27.732	30.134	32.506	37.163	36.97	.036	1443.3	71
80	-1.396	-1.398	.553	34.448	27.739	30.141	32.513	37.170	36.26	.039	1443.4	81
90	-1.264	-1.267	.692	34.459	27.744	30.144	32.514	37.167	35.84	.043	1444.2	91
100	-1.177	-1.179	.788	34.462	27.743	30.142	32.511	37.161	35.84	.047	1444.8	101
125	- .596	- .600	1.393	34.550	27.792	30.181	32.541	37.173	31.37	.055	1448.0	126
150	- .596	- .601	1.412	34.566	27.805	30.194	32.554	37.186	30.08	.063	1448.4	151
175	- .677	- .683	1.351	34.574	27.815	30.205	32.566	37.200	29.03	.070	1448.5	176
200	- .638	- .644	1.410	34.583	27.820	30.210	32.570	37.204	28.47	.077	1449.1	202
225	- .793	- .800	1.273	34.588	27.831	30.224	32.586	37.224	27.28	.084	1448.8	227
250	- .884	- .892	1.202	34.596	27.841	30.235	32.598	37.239	26.23	.091	1448.8	252
275	-1.611	-1.618	.493	34.569	27.844	30.249	32.624	37.287	25.32	.097	1445.8	277
300	-1.615	-1.623	.508	34.579	27.852	30.257	32.633	37.295	24.38	.104	1446.2	302
325	-1.643	-1.651	.500	34.604	27.873	30.278	32.654	37.317	22.30	.109	1446.5	328
350	-1.824	-1.832	.339	34.608	27.881	30.289	32.667	37.336	21.20	.115	1446.1	353
375	-1.845	-1.854	.337	34.620	27.891	30.300	32.678	37.348	20.08	.120	1446.4	378
400	-1.841	-1.851	.361	34.631	27.900	30.309	32.688	37.356	19.08	.125	1446.8	403
425	-1.877	-1.887	.346	34.663	27.927	30.336	32.715	37.385	16.41	.129	1447.1	429
450	-1.934	-1.945	.310	34.693	27.952	30.362	32.742	37.413	13.78	.133	1447.3	454
475	-1.984	-1.995	.281	34.729	27.983	30.393	32.773	37.446	10.72	.136	1447.6	479
500	-1.959	-1.971	.327	34.770	28.016	30.426	32.806	37.477	7.51	.138	1448.1	504
550	-1.925	-1.939	.401	34.804	28.043	30.452	32.831	37.501	4.78	.141	1449.2	555
553	-1.922	-1.936	.407	34.804	28.043	30.452	32.831	37.501	4.78	.142	1449.3	558



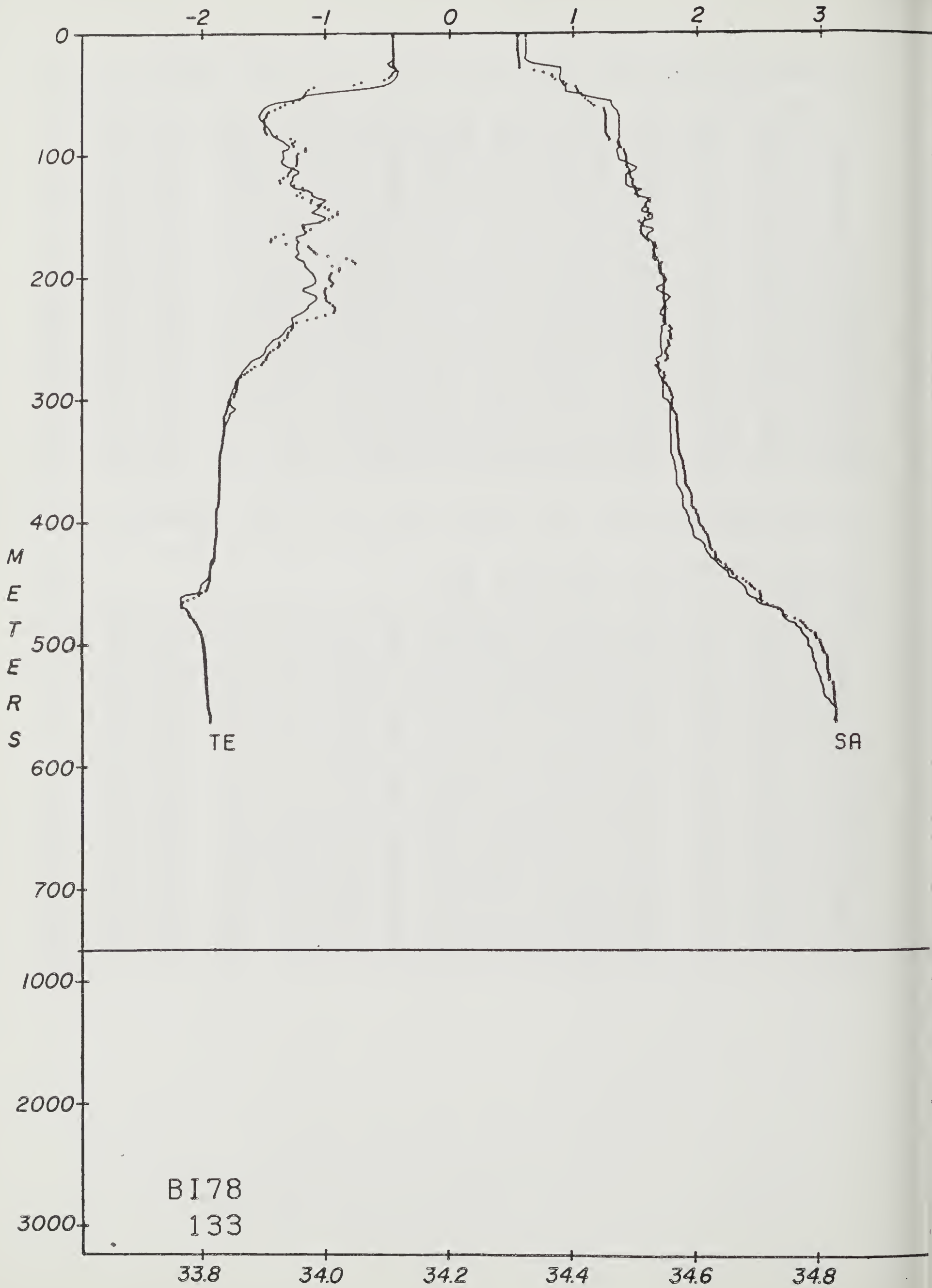
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	9.05	175	32.0W	569	565	981.5	140	18	-3.1	0	0	0	1251	29JAN78	BI	78	1 132

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .383	- .383	1.497	34.309	27.588	29.975	32.332	36.960	50.96	0.000	1446.6	0
10	- .387	- .388	1.500	34.310	27.589	29.976	32.333	36.961	50.86	.005	1446.7	10
20	- .396	- .397	1.499	34.310	27.589	29.977	32.334	36.962	50.78	.010	1446.9	20
30	- .550	- .551	1.356	34.371	27.645	30.034	32.394	37.026	45.48	.015	1446.4	30
40	- .653	- .654	1.261	34.384	27.660	30.051	32.412	37.047	44.00	.019	1446.1	40
50	- .813	- .814	1.110	34.393	27.674	30.067	32.431	37.071	42.64	.024	1445.5	50
60	-1.174	-1.176	.757	34.408	27.700	30.099	32.468	37.118	40.10	.028	1444.0	60
70	-1.345	-1.347	.597	34.464	27.751	30.152	32.523	37.179	35.23	.032	1443.5	71
80	-1.331	-1.333	.619	34.471	27.756	30.157	32.528	37.183	34.69	.035	1443.7	81
90	-1.279	-1.282	.679	34.488	27.768	30.168	32.538	37.191	33.53	.039	1444.1	91
100	-1.244	-1.246	.723	34.496	27.773	30.173	32.542	37.194	33.00	.042	1444.5	101
125	-1.202	-1.205	.785	34.526	27.796	30.195	32.563	37.214	30.75	.050	1445.1	126
150	-1.226	-1.230	.780	34.527	27.797	30.196	32.566	37.217	30.51	.058	1445.4	151
175	-1.201	-1.206	.825	34.544	27.811	30.210	32.578	37.229	29.14	.065	1446.0	176
200	-1.321	-1.326	.724	34.541	27.812	30.213	32.583	37.237	28.86	.072	1445.8	202
225	-1.451	-1.457	.614	34.549	27.823	30.225	32.598	37.256	27.66	.079	1445.7	227
250	-1.674	-1.680	.409	34.544	27.825	30.232	32.608	37.273	27.12	.086	1445.0	252
275	-1.819	-1.825	.283	34.552	27.835	30.244	32.622	37.292	25.92	.093	1444.8	277
300	-1.846	-1.853	.276	34.561	27.843	30.252	32.631	37.301	25.00	.099	1445.1	302
325	-1.854	-1.861	.288	34.573	27.853	30.262	32.641	37.311	23.92	.105	1445.5	328
350	-1.859	-1.867	.302	34.586	27.864	30.273	32.652	37.322	22.76	.111	1445.9	353
375	-1.876	-1.885	.306	34.606	27.881	30.290	32.669	37.340	21.01	.117	1446.2	378
400	-1.971	-1.980	.233	34.659	27.926	30.337	32.717	37.390	16.51	.121	1446.3	403
425	-1.999	-2.008	.226	34.692	27.953	30.364	32.745	37.418	13.80	.125	1446.6	429
450	-2.026	-2.037	.220	34.737	27.990	30.401	32.782	37.456	10.12	.128	1446.9	454
475	-1.969	-1.980	.258	34.766	28.013	30.423	32.803	37.475	7.93	.130	1447.7	479
500	-1.949	-1.961	.337	34.781	28.024	30.434	32.814	37.485	6.72	.132	1448.2	504
550	-1.905	-1.919	.422	34.822	28.057	30.466	32.844	37.514	3.49	.135	1449.3	555
558	-1.905	-1.919	.428	34.822	28.057	30.466	32.844	37.514	3.45	.135	1449.4	563

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	9.05	175	32.0W	569	565	981.7	160	23	-2.9	0	0	0	1347	29JAN78	BI	78	2 132

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.40	-0.40	1.48	34.320	27.60	29.98							0	132
545	-1.90	-1.91	0.42	34.825	28.06	30.47							0	132

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .413	- .413	1.467	34.320	27.598	29.986	32.343	36.972	49.99	0.000	1446.5	0
10	- .418	- .418	1.470	34.320	27.598	29.986	32.344	36.972	49.95	.005	1446.6	10
20	- .418	- .419	1.478	34.320	27.599	29.986	32.344	36.973	49.91	.010	1446.8	20
30	- .473	- .474	1.431	34.339	27.616	30.005	32.363	36.993	48.20	.015	1446.7	30
40	- .724	- .725	1.191	34.357	27.674	30.066	32.428	37.065	42.71	.019	1445.8	40
50	- .911	- .913	1.012	34.410	27.692	30.086	32.451	37.094	40.96	.024	1445.1	50
60	-1.191	-1.193	.742	34.445	27.730	30.129	32.498	37.149	37.24	.028	1444.0	60
70	-1.363	-1.364	.579	34.465	27.752	30.153	32.525	37.181	35.13	.031	1443.4	71
80	-1.340	-1.342	.610	34.471	27.756	30.157	32.529	37.184	34.66	.035	1443.7	81
90	-1.264	-1.267	.694	34.485	27.765	30.165	32.535	37.187	33.82	.038	1444.2	91
100	-1.171	-1.173	.796	34.498	27.772	30.171	32.539	37.189	33.09	.041	1444.8	101
125	- .943	- .947	1.044	34.534	27.793	30.187	32.552	37.195	31.15	.049	1446.4	126
150	-1.068	-1.072	.939	34.541	27.803	30.200	32.567	37.213	30.00	.057	1446.2	151
175	- .876	- .881	1.151	34.562	27.813	30.207	32.571	37.211	29.09	.064	1447.5	176
200	-1.457	-1.462	.589	34.560	27.832	30.235	32.607	37.265	26.91	.071	1445.2	202
225	-1.753	-1.758	.312	34.556	27.837	30.244	32.622	37.289	26.11	.078	1444.2	227
250	-1.831	-1.837	.253	34.564	27.846	30.254	32.633	37.302	25.09	.095	1444.3	252
275	-1.838	-1.844	.266	34.578	27.857	30.266	32.644	37.314	23.88	.091	1444.7	277
300	-1.843	-1.850	.281	34.581	27.860	30.268	32.647	37.316	23.49	.097	1445.1	302
325	-1.857	-1.865	.286	34.596	27.872	30.281	32.660	37.330	22.15	.102	1445.5	328
350	-1.867	-1.875	.296	34.611	27.885	30.293	32.672	37.343	20.82	.108	1445.9	353
375	-1.906	-1.915	.277	34.634	27.904	30.314	32.693	37.364	18.77	.113	1446.1	378
400	-1.946	-1.956	.259	34.687	27.948	30.359	32.738	37.410	14.44	.117	1446.4	403
425	-2.005	-2.014	.221	34.718	27.975	30.386	32.766	37.440	11.73	.120	1446.6	429
450	-2.007	-2.017	.240	34.753	28.003	30.414	32.794	37.468	8.90	.123	1447.1	454
475	-1.963	-1.975	.305	34.785	28.028	30.438	32.818	37.489	6.52	.124	1447.7	479
500	-1.949	-1.961	.339	34.801	28.041	30.450	32.830	37.501	5.22	.126	1448.2	504
550	-1.905	-1.919	.422	34.822	28.057	30.466	32.844	37.514	3.49	.128	1449.3	555



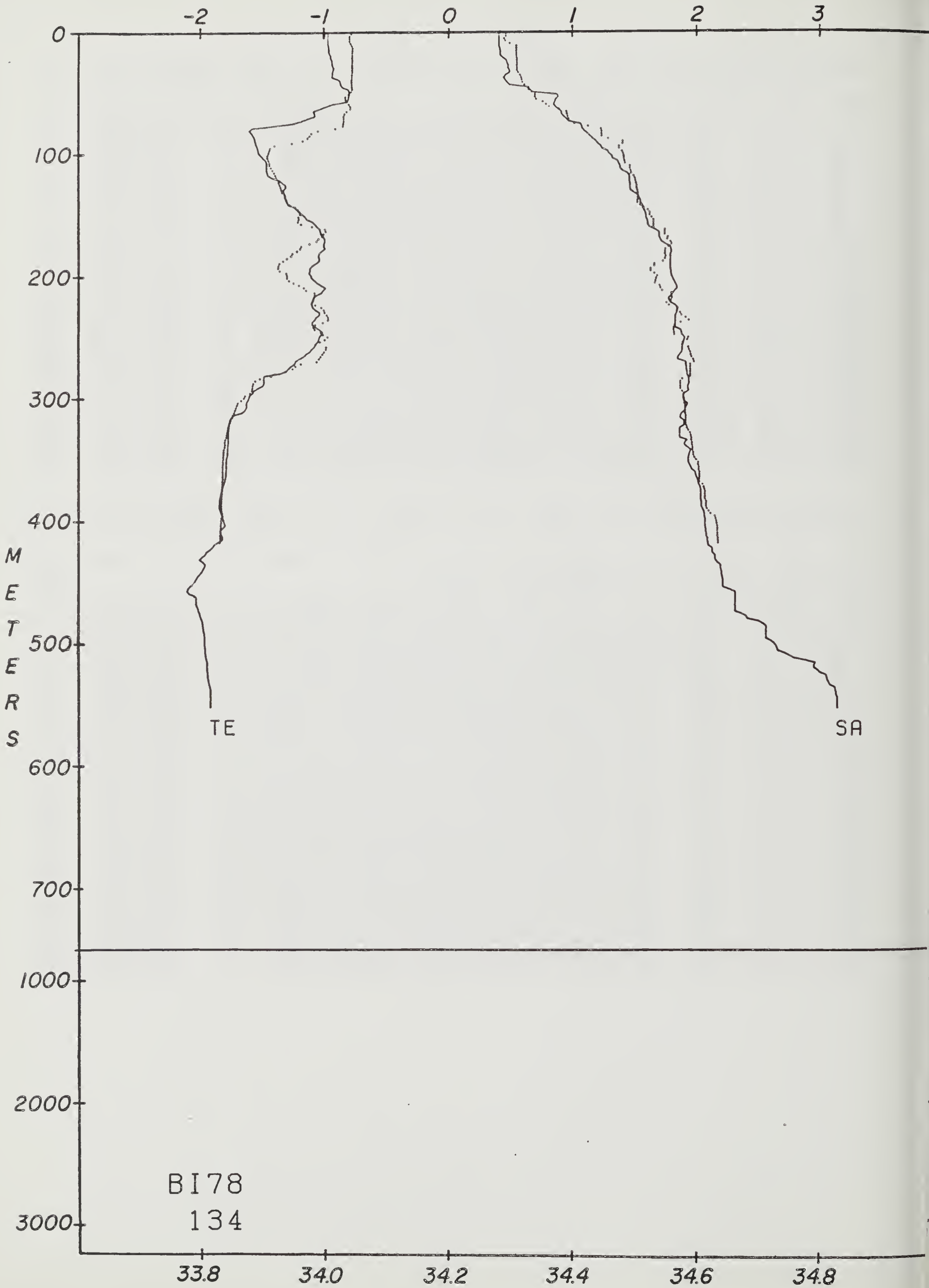
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	40.9S	175	40.1W	569	563	982.7	160	21	-3.6	0	0	0	1648	29JAN78	BI	78	1 133

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .419	- .419	1.462	34.331	27.607	29.995	32.352	36.981	49.12	0.000	1446.4	0
10	- .419	- .419	1.470	34.331	27.607	29.995	32.352	36.981	49.10	.005	1446.6	10
20	- .437	- .438	1.459	34.334	27.611	29.998	32.356	36.986	48.76	.010	1446.7	20
30	- .385	- .386	1.522	34.387	27.651	30.037	32.395	37.022	44.94	.014	1447.2	30
40	- .496	- .498	1.418	34.390	27.659	30.047	32.406	37.036	44.17	.019	1446.8	40
50	-1.168	-1.169	.757	34.432	27.719	30.118	32.486	37.136	38.35	.023	1443.9	50
60	-1.481	-1.482	.454	34.473	27.762	30.165	32.539	37.198	34.18	.027	1442.7	60
70	-1.468	-1.470	.475	34.481	27.768	30.171	32.544	37.203	33.55	.030	1442.9	71
80	-1.398	-1.400	.553	34.481	27.766	30.168	32.540	37.197	33.72	.033	1443.4	81
90	-1.260	-1.263	.698	34.482	27.762	30.162	32.532	37.185	34.06	.037	1444.2	91
100	-1.311	-1.313	.655	34.480	27.762	30.163	32.534	37.188	34.01	.040	1444.2	101
125	-1.162	-1.165	.824	34.509	27.781	30.180	32.548	37.197	32.17	.049	1445.3	126
150	- .981	- .985	1.026	34.532	27.793	30.188	32.553	37.197	31.06	.036	1446.6	151
175	-1.195	-1.200	.831	34.538	27.806	30.204	32.573	37.223	29.64	.064	1446.0	176
200	-1.048	-1.053	.998	34.557	27.816	30.212	32.579	37.224	28.65	.071	1447.1	202
225	-1.152	-1.158	.913	34.549	27.813	30.211	32.579	37.228	28.78	.078	1447.1	227
250	-1.415	-1.422	.668	34.548	27.821	30.223	32.595	37.252	27.74	.086	1446.2	252
275	-1.654	-1.660	.448	34.545	27.825	30.231	32.607	37.271	27.00	.092	1445.5	277
300	-1.744	-1.751	.378	34.562	27.842	30.249	32.626	37.293	25.25	.099	1445.5	302
325	-1.797	-1.805	.344	34.564	27.845	30.253	32.631	37.299	24.77	.105	1445.7	328
350	-1.834	-1.842	.327	34.571	27.851	30.260	32.639	37.308	23.98	.111	1446.0	353
375	-1.838	-1.847	.343	34.584	27.862	30.270	32.649	37.318	22.87	.117	1446.4	378
400	-1.860	-1.870	.340	34.597	27.873	30.282	32.661	37.331	21.62	.123	1446.7	403
425	-1.878	-1.889	.343	34.628	27.898	30.308	32.686	37.357	19.07	.128	1447.1	429
450	-1.989	-2.000	.254	34.683	27.946	30.356	32.737	37.410	14.35	.132	1447.0	454
475	-2.052	-2.063	.214	34.747	27.999	30.411	32.792	37.467	9.08	.135	1447.3	479
500	-1.965	-1.978	.322	34.790	28.032	30.442	32.822	37.494	5.96	.137	1448.1	504
550	-1.914	-1.928	.414	34.831	28.064	30.473	32.852	37.521	2.80	.139	1449.3	555
560	-1.907	-1.921	.428	34.831	28.064	30.473	32.852	37.521	2.74	.139	1449.5	565

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77	40.9S	175	40.1W	569	563	982.7	160	16	-3.4	0	0	0	1648	29JAN78	BI	78	2 133

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.43	-0.43	1.45	34.307	27.59	29.98							0	133
454	-2.14	-2.15	0.11	34.695	27.96	30.37							0	133

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .423	- .423	1.458	34.317	27.596	29.984	32.341	36.970	50.18	0.000	1446.4	0
10	- .421	- .421	1.467	34.317	27.596	29.984	32.341	36.970	50.16	.005	1446.6	10
20	- .417	- .418	1.479	34.319	27.598	29.985	32.343	36.972	50.00	.010	1446.8	20
30	- .425	- .426	1.481	34.358	27.630	30.017	32.375	37.004	46.93	.015	1447.0	30
40	- .801	- .802	1.114	34.399	27.678	30.071	32.434	37.074	42.28	.019	1445.4	40
50	-1.155	-1.157	.769	34.422	27.710	30.108	32.477	37.127	39.20	.023	1444.0	50
60	-1.381	-1.382	.553	34.453	27.742	30.144	32.516	37.173	36.05	.027	1443.1	60
70	-1.465	-1.467	.477	34.459	27.750	30.153	32.526	37.185	35.25	.031	1442.9	71
80	-1.434	-1.436	.515	34.459	27.749	30.152	32.525	37.183	35.28	.034	1443.2	81
90	-1.213	-1.216	.745	34.481	27.760	30.159	32.528	37.179	34.30	.038	1444.4	91
100	-1.201	-1.204	.765	34.493	27.769	30.168	32.537	37.188	33.38	.041	1444.7	101
125	-1.153	-1.156	.833	34.507	27.779	30.177	32.545	37.194	32.37	.049	1445.3	126
150	- .948	- .952	1.058	34.521	27.783	30.178	32.543	37.186	31.98	.057	1446.7	151
175	-1.076	-1.081	.950	34.538	27.802	30.199	32.565	37.212	30.08	.065	1446.6	176
200	- .930	- .936	1.116	34.554	27.809	30.203	32.568	37.210	29.41	.073	1447.7	202
225	- .900	- .907	1.165	34.555	27.809	30.203	32.567	37.208	29.36	.080	1448.2	227
250	-1.347	-1.354	.737	34.563	27.831	30.232	32.603	37.257	26.88	.087	1446.6	252
275	-1.617	-1.624	.485	34.549	27.828	30.233	32.609	37.271	26.80	.094	1445.7	277
300	-1.758	-1.766	.364	34.566	27.845	30.253	32.630	37.297	24.91	.100	1445.5	302
325	-1.797	-1.805	.345	34.575	27.854	30.262	32.640	37.308	23.93	.106	1445.7	328
350	-1.834	-1.842	.328	34.584	27.862	30.271	32.649	37.318	22.99	.112	1446.0	353
375	-1.838	-1.847	.344	34.598	27.873	30.282	32.660	37.329	21.80	.118	1446.4	378
400	-1.860	-1.869	.341	34.612	27.885	30.294	32.673	37.343	20.48	.123	1446.7	403
425	-1.875	-1.885	.347	34.636	27.905	30.314	32.693	37.364	18.43	.128	1447.1	429
450	-1.934	-1.945	.309	34.694	27.954	30.364	32.743	37.415	13.66	.132	1447.3	454
475	-2.059	-2.071	.207	34.756	28.007	30.418	32.799	37.474	8.38	.135	1447.2	479
500	-1.956	-1.968	.333	34.809	28.047	30.457	32.836	37.508	4.57	.136	1448.2	504
550	-1.920	-1.934	.407	34.831	28.064	30.473	32.852	37.522	2.75	.138	1449.3	555
560	-1.907	-1.921	.428	34.831	28.064	30.473	32.852	37.521	2.74	.138	1449.5	565



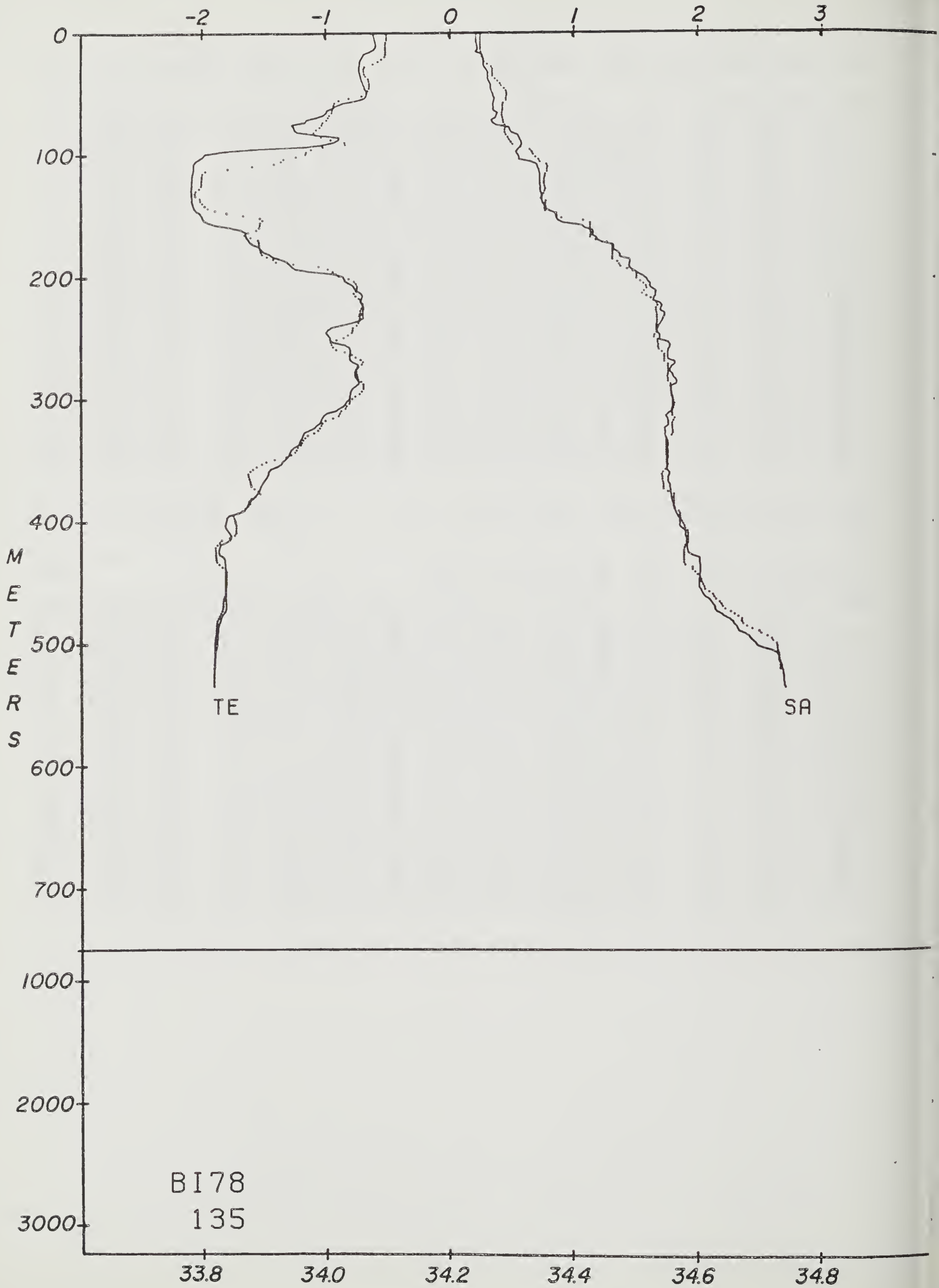
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	8.2S	175	30.1W	569	562	984.4	130	21	-3.0	0	0	0	2122	29JAN78	BI	78 1 134

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.965	-.965	.913	34.281	27.589	29.985	32.352	36.997	50.83	0.000	1443.8	0
10	-.966	-.967	.919	34.281	27.589	29.985	32.352	36.997	50.79	.005	1444.0	10
20	-.950	-.950	.944	34.284	27.591	29.987	32.353	36.998	50.60	.010	1444.2	20
30	-.926	-.927	.976	34.296	27.600	29.995	32.361	37.005	49.71	.015	1444.5	30
40	-.894	-.895	1.015	34.291	27.595	29.990	32.355	36.998	50.16	.020	1444.8	40
50	-.799	-.801	1.120	34.343	27.634	30.027	32.390	37.030	46.48	.025	1445.5	50
60	-.922	-.924	1.007	34.370	27.660	30.055	32.420	37.063	43.96	.030	1445.2	60
70	-1.087	-1.089	.850	34.386	27.679	30.076	32.444	37.092	42.08	.034	1444.6	71
80	-1.567	-1.569	.380	34.416	27.718	30.123	32.498	37.160	38.21	.039	1442.5	81
90	-1.559	-1.561	.397	34.438	27.736	30.141	32.515	37.177	36.47	.042	1442.8	91
100	-1.526	-1.529	.438	34.460	27.753	30.157	32.531	37.192	34.87	.045	1443.1	101
125	-1.325	-1.328	.660	34.493	27.773	30.174	32.545	37.200	32.84	.054	1444.5	126
150	-1.175	-1.179	.831	34.519	27.789	30.187	32.556	37.206	31.31	.062	1445.7	151
175	-.999	-1.004	1.028	34.555	27.812	30.208	32.573	37.217	29.12	.069	1447.0	176
200	-1.110	-1.116	.936	34.560	27.820	30.218	32.585	37.232	28.20	.076	1446.9	202
225	-1.093	-1.100	.972	34.569	27.827	30.224	32.591	37.238	27.51	.083	1447.4	227
250	-1.037	-1.045	1.048	34.581	27.834	30.231	32.597	37.242	26.76	.090	1448.1	252
275	-1.279	-1.287	.825	34.584	27.846	30.246	32.615	37.268	25.40	.097	1447.3	277
300	-1.609	-1.616	.515	34.579	27.852	30.257	32.632	37.294	24.42	.103	1446.2	302
325	-1.769	-1.776	.373	34.573	27.851	30.259	32.636	37.304	24.22	.109	1445.9	328
350	-1.788	-1.796	.374	34.587	27.863	30.271	32.649	37.317	22.92	.115	1446.2	353
375	-1.824	-1.833	.358	34.607	27.880	30.289	32.667	37.336	21.13	.120	1446.5	378
400	-1.808	-1.818	.393	34.614	27.885	30.294	32.671	37.340	20.51	.126	1447.0	403
425	-1.936	-1.946	.285	34.626	27.899	30.309	32.688	37.361	18.98	.130	1446.8	429
450	-2.045	-2.055	.196	34.643	27.915	30.326	32.708	37.383	17.18	.135	1446.7	454
475	-2.009	-2.020	.252	34.668	27.935	30.346	32.727	37.401	15.21	.139	1447.3	479
500	-1.963	-1.976	.320	34.725	27.980	30.390	32.770	37.442	10.90	.142	1448.1	504
550	-1.916	-1.930	.412	34.829	28.063	30.472	32.851	37.520	2.92	.146	1449.3	555
553	-1.916	-1.930	.414	34.829	28.063	30.472	32.851	37.520	2.90	.146	1449.3	558

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	7.1S	175	35.0W	569	562	985.4	140	22	-4.4	0	0	2358	29JAN78	BI	78 2 134	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.82	-0.82	1.06	34.273	27.58	29.97							0	134
453	-2.06	-2.07	0.19	34.686	27.95	30.36		88		-0.52			0	134

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.776	-.776	1.103	34.292	27.591	29.984	32.347	36.987	50.67	0.000	1444.7	0
10	-.789	-.789	1.098	34.300	27.598	29.991	32.355	36.995	49.97	.005	1444.9	10
20	-.776	-.776	1.119	34.309	27.605	29.998	32.361	37.000	49.30	.010	1445.1	20
30	-.776	-.776	1.127	34.310	27.606	29.999	32.362	37.001	49.20	.015	1445.3	30
40	-.780	-.781	1.131	34.318	27.612	30.005	32.369	37.008	48.52	.020	1445.4	40
50	-.787	-.788	1.133	34.334	27.625	30.018	32.382	37.021	47.28	.025	1445.6	50
60	-.802	-.804	1.126	34.357	27.645	30.038	32.402	37.041	45.38	.029	1445.7	60
70	-.845	-.847	1.093	34.392	27.674	30.068	32.432	37.073	42.55	.034	1445.7	71
80	-.925	-.928	1.023	34.446	27.721	30.116	32.480	37.123	38.10	.038	1445.6	81
90	-1.180	-1.182	.778	34.477	27.756	30.154	32.523	37.173	34.68	.041	1444.6	91
100	-1.453	-1.456	.512	34.482	27.769	30.171	32.544	37.203	33.36	.045	1443.5	101
125	-1.364	-1.367	.622	34.503	27.783	30.184	32.556	37.211	31.92	.053	1444.4	126
150	-1.197	-1.201	.809	34.526	27.795	30.194	32.563	37.213	30.70	.061	1445.6	151
175	-1.152	-1.156	.875	34.558	27.820	30.218	32.586	37.235	28.29	.068	1446.2	176
200	-1.297	-1.302	.748	34.537	27.808	30.209	32.579	37.232	29.22	.075	1446.0	202
225	-1.044	-1.051	1.021	34.562	27.820	30.216	32.583	37.228	28.20	.082	1447.6	227
250	-.983	-.990	1.103	34.582	27.834	30.229	32.594	37.238	26.84	.089	1448.3	252
275	-1.246	-1.254	.858	34.590	27.849	30.249	32.618	37.269	25.08	.096	1447.5	277
300	-1.651	-1.658	.473	34.580	27.853	30.259	32.635	37.298	24.23	.102	1446.0	302
325	-1.774	-1.781	.369	34.586	27.862	30.270	32.647	37.315	23.18	.108	1445.9	328
350	-1.813	-1.822	.349	34.600	27.874	30.282	32.661	37.329	21.84	.114	1446.1	353
375	-1.822	-1.831	.360	34.613	27.885	30.293	32.672	37.341	20.66	.119	1446.5	378
400	-1.830	-1.840	.372	34.632	27.901	30.309	32.687	37.356	19.07	.124	1446.9	403
418	-1.839	-1.849	.377	34.635	27.903	30.312	32.690	37.359	18.70	.127	1447.2	422

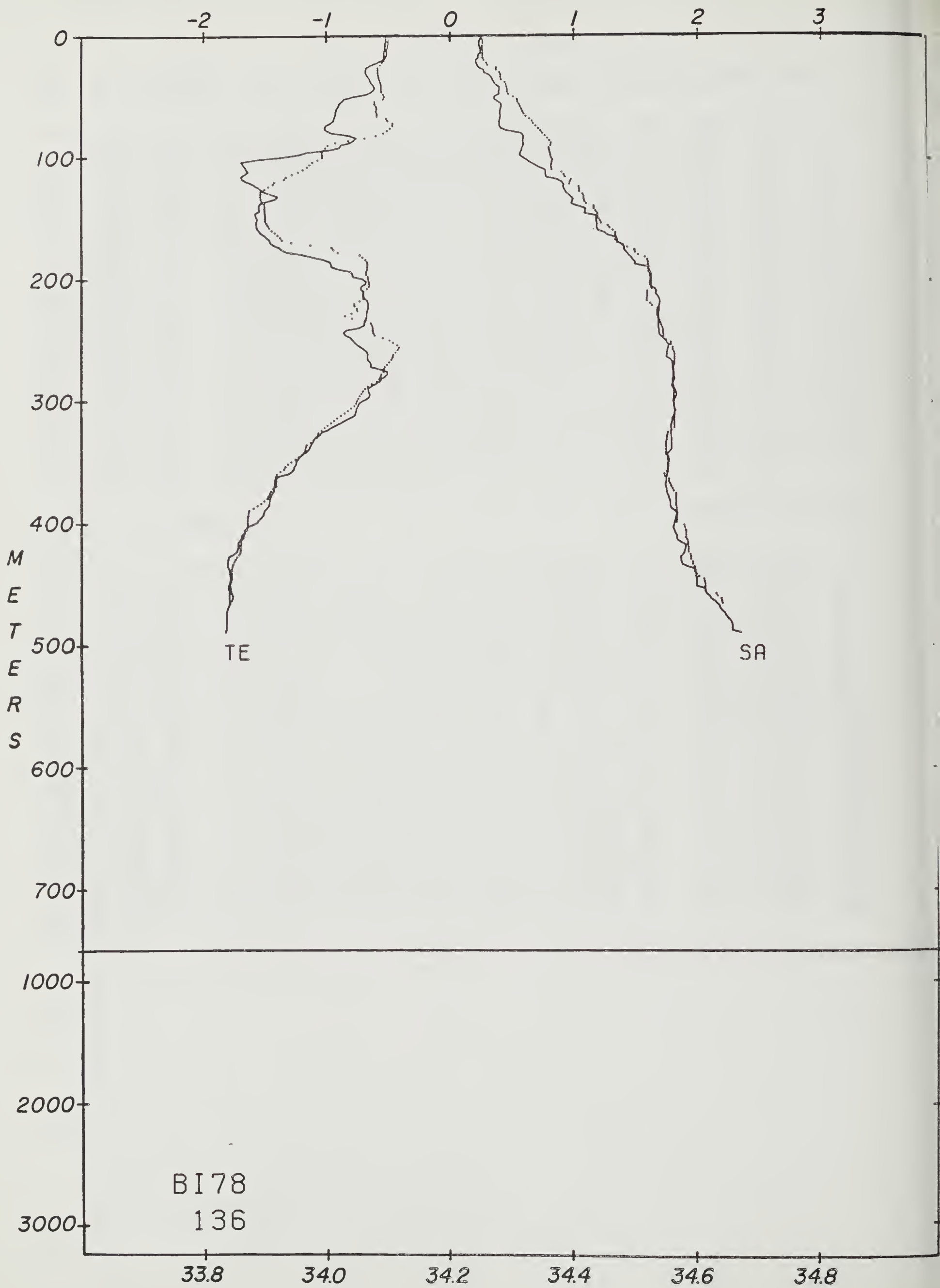


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 78 16.4S 173 46.0W 569 543 986.1 150 20 -5.6 0 1325 0 133 30JAN78 BI 78 1 135

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .603	- .603	1.274	34.245	27.546	29.937	32.297	36.932	54.94	0.000	1445.5	0
10	- .587	- .588	1.296	34.246	27.546	29.936	32.297	36.931	54.92	.005	1445.7	10
20	- .696	- .696	1.196	34.255	27.558	29.950	32.312	36.950	53.72	.011	1445.4	20
30	- .721	- .722	1.179	34.261	27.564	29.956	32.319	36.957	53.15	.016	1445.4	30
40	- .696	- .697	1.212	34.266	27.567	29.959	32.321	36.959	52.83	.022	1445.7	40
50	- .661	- .663	1.255	34.272	27.570	29.962	32.323	36.960	52.50	.027	1446.1	50
60	- .893	- .895	1.030	34.273	27.580	29.975	32.340	36.984	51.48	.032	1445.2	60
70	-1.071	-1.073	.860	34.275	27.589	29.987	32.354	37.003	50.60	.037	1444.5	71
80	-1.234	-1.236	.706	34.301	27.615	30.015	32.385	37.038	48.07	.042	1443.9	81
90	- .925	- .928	1.024	34.319	27.618	30.014	32.379	37.023	47.76	.047	1445.6	91
100	-1.964	-1.966	-.008	34.312	27.644	30.056	32.437	37.113	44.98	.051	1440.8	101
125	-2.073	-2.075	-.096	34.350	27.677	30.090	32.473	37.152	41.67	.062	1440.8	126
150	-1.986	-1.989	.011	34.375	27.696	30.107	32.489	37.165	39.77	.073	1441.6	151
175	-1.541	-1.546	.480	34.468	27.759	30.164	32.538	37.200	33.81	.082	1444.3	176
200	- .857	- .863	1.187	34.516	27.775	30.169	32.533	37.173	32.59	.090	1448.0	202
225	- .680	- .687	1.384	34.545	27.791	30.182	32.543	37.178	31.12	.098	1449.3	227
250	- .950	- .958	1.133	34.542	27.800	30.195	32.560	37.203	30.06	.106	1448.4	252
275	- .726	- .735	1.377	34.560	27.806	30.197	32.559	37.195	29.62	.113	1449.9	277
300	- .796	- .806	1.326	34.563	27.811	30.204	32.566	37.204	29.00	.120	1450.0	302
325	-1.100	-1.109	1.041	34.550	27.812	30.210	32.577	37.224	28.52	.128	1449.0	328
350	-1.313	-1.323	.846	34.555	27.824	30.224	32.595	37.249	27.13	.135	1448.4	353
375	-1.519	-1.529	.660	34.560	27.834	30.238	32.611	37.271	25.84	.141	1447.8	378
400	-1.786	-1.796	.412	34.575	27.853	30.261	32.639	37.307	23.56	.147	1447.0	403
425	-1.847	-1.857	.372	34.589	27.866	30.275	32.654	37.323	22.16	.153	1447.2	429
450	-1.791	-1.802	.447	34.606	27.879	30.287	32.664	37.332	20.91	.158	1447.9	454
475	-1.799	-1.811	.460	34.639	27.905	30.313	32.691	37.359	18.24	.163	1448.3	479
500	-1.860	-1.873	.421	34.698	27.955	30.363	32.742	37.411	13.40	.167	1448.5	504
536	-1.888	-1.901	.424	34.746	27.995	30.404	32.782	37.452	9.41	.171	1449.1	541

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 78 15.7S 173 58.3W 569 543 986.5 150 18 -6.3 0 0 217 30JAN78 BI 78 2 135

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .498	- .498	1.378	34.252	27.547	29.936	32.295	36.927	54.83	0.000	1446.0	0
10	- .509	- .509	1.376	34.252	27.548	29.937	32.296	36.928	54.76	.005	1446.1	10
20	- .517	- .518	1.375	34.255	27.551	29.940	32.299	36.931	54.45	.011	1446.2	20
30	- .680	- .681	1.221	34.272	27.571	29.963	32.325	36.962	52.45	.016	1445.7	30
40	- .637	- .638	1.271	34.280	27.576	29.967	32.328	36.964	51.99	.022	1446.0	40
50	- .659	- .660	1.259	34.295	27.589	29.980	32.342	36.978	50.72	.027	1446.1	50
60	- .919	- .920	1.006	34.288	27.593	29.989	32.354	36.998	50.24	.032	1445.1	60
70	- .966	- .968	.966	34.288	27.595	29.991	32.357	37.003	50.01	.037	1445.0	71
80	-1.060	-1.062	.879	34.292	27.602	29.999	32.367	37.015	49.35	.042	1444.7	81
90	- .850	- .853	1.098	34.302	27.602	29.996	32.361	37.003	49.31	.047	1445.9	91
100	-1.161	-1.164	.797	34.338	27.643	30.042	32.411	37.061	45.35	.051	1444.7	101
125	-1.992	-1.994	-.014	34.357	27.681	30.093	32.475	37.151	41.31	.062	1441.2	126
150	-1.643	-1.647	.355	34.378	27.690	30.096	32.472	37.138	40.48	.072	1443.3	151
175	-1.515	-1.519	.507	34.465	27.757	30.161	32.535	37.195	34.08	.082	1444.4	176
200	- .867	- .873	1.176	34.505	27.767	30.160	32.524	37.165	33.40	.090	1447.9	202
225	- .687	- .694	1.377	34.538	27.786	30.177	32.538	37.174	31.58	.098	1449.2	227
250	- .838	- .846	1.244	34.534	27.789	30.182	32.546	37.185	31.17	.106	1448.9	252
275	- .731	- .740	1.372	34.556	27.803	30.194	32.556	37.192	29.90	.114	1449.9	277
300	- .764	- .774	1.358	34.564	27.810	30.202	32.564	37.201	29.09	.121	1450.1	302
325	-1.036	-1.046	1.105	34.563	27.820	30.217	32.583	37.228	27.81	.128	1449.3	328
350	-1.390	-1.399	.770	34.554	27.825	30.227	32.598	37.255	26.93	.135	1448.0	353
375	-1.539	-1.549	.639	34.552	27.828	30.232	32.606	37.267	26.36	.142	1447.7	378
400	-1.711	-1.721	.488	34.579	27.855	30.261	32.638	37.303	23.53	.148	1447.4	403
425	-1.869	-1.879	.349	34.582	27.861	30.270	32.650	37.320	22.59	.154	1447.1	429
450	-1.780	-1.791	.459	34.611	27.883	30.290	32.668	37.336	20.54	.159	1447.9	454
475	-1.821	-1.833	.440	34.661	27.924	30.332	32.710	37.379	16.47	.164	1448.2	479
500	-1.874	-1.887	.409	34.731	27.982	30.391	32.769	37.439	10.81	.167	1448.5	504
521	-1.882	-1.895	.418	34.738	27.988	30.397	32.775	37.445	10.12	.169	1448.8	526

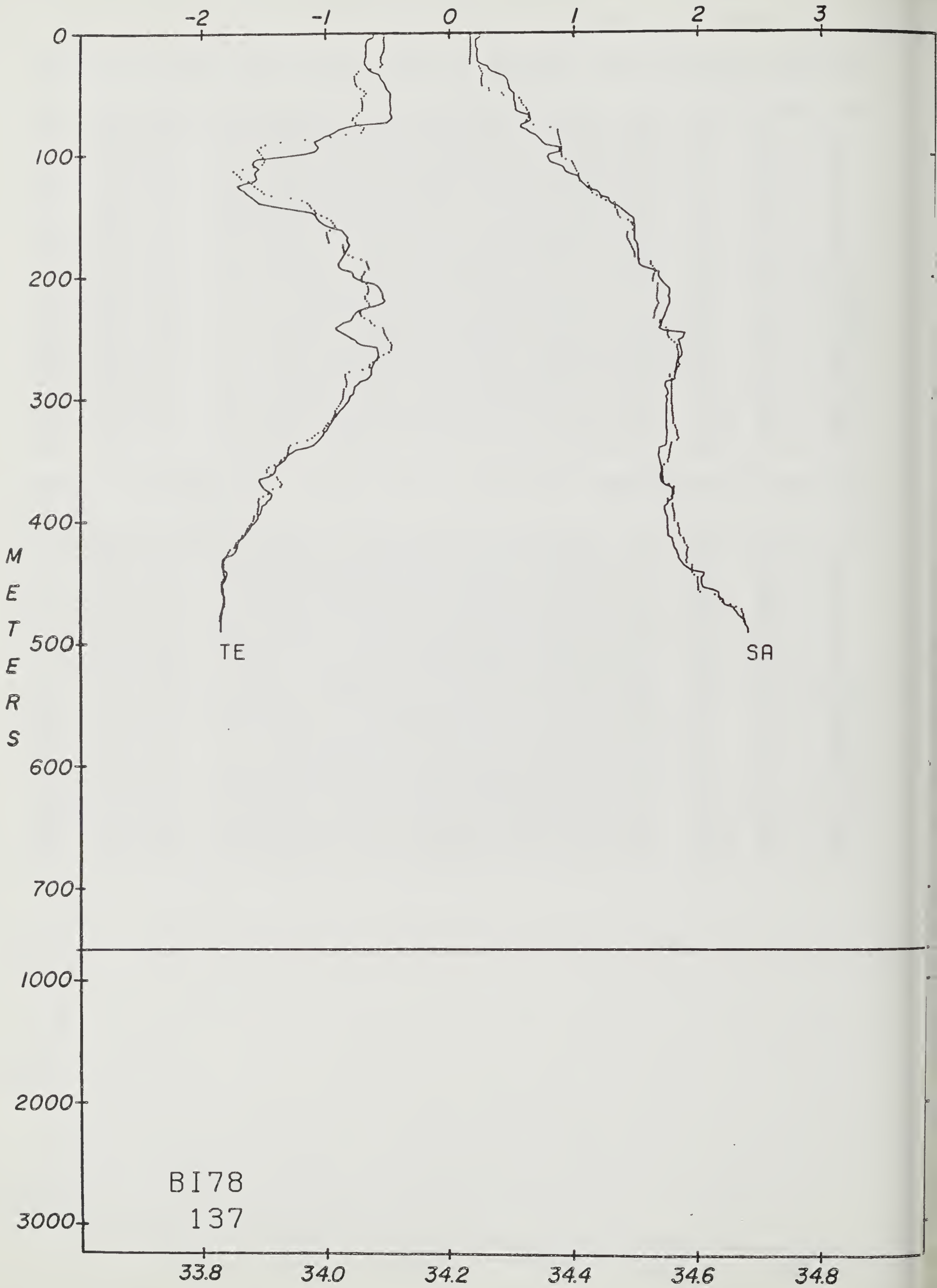


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 15.6S 173 59.2W 569 560 986.5 150 18 -6.3 0 1750 0 220 30JAN78 BI 78 1 136

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.497	-1.497	1.380	34.250	27.545	29.934	32.294	36.925	54.99	0.000	1446.0	0
10	-1.510	-1.511	1.374	34.250	27.546	29.935	32.294	36.926	54.94	.005	1446.1	10
20	-1.558	-1.559	1.333	34.243	27.542	29.932	32.292	36.926	55.23	.011	1446.0	20
30	-1.684	-1.685	1.215	34.259	27.560	29.952	32.314	36.951	53.49	.016	1445.6	30
40	-1.626	-1.627	1.283	34.275	27.571	29.962	32.323	36.959	52.42	.022	1446.1	40
50	-1.777	-1.779	1.139	34.274	27.576	29.969	32.333	36.973	51.90	.027	1445.5	50
60	-1.916	-1.918	1.008	34.283	27.589	29.984	32.350	36.994	50.62	.032	1445.1	60
70	-1.949	-1.951	.982	34.281	27.589	29.985	32.351	36.996	50.59	.037	1445.1	71
80	-1.940	-1.942	1.001	34.311	27.613	30.008	32.374	37.019	48.31	.042	1445.3	81
90	-1.877	-1.879	1.072	34.320	27.617	30.012	32.377	37.019	47.87	.047	1445.8	91
100	-1.363	-1.366	.593	34.320	27.635	30.037	32.409	37.066	46.06	.052	1443.7	101
125	-1.545	-1.548	.434	34.385	27.693	30.097	32.472	37.134	40.38	.062	1443.3	126
150	-1.562	-1.566	.439	34.437	27.735	30.140	32.515	37.177	36.22	.072	1443.7	151
175	-1.365	-1.370	.657	34.482	27.766	30.167	32.539	37.195	33.30	.081	1445.1	176
200	-1.714	-1.720	1.330	34.525	27.777	30.168	32.530	37.166	32.52	.089	1448.7	202
225	-1.665	-1.672	1.399	34.539	27.786	30.177	32.537	37.171	31.64	.097	1449.3	227
250	-1.783	-1.791	1.301	34.549	27.799	30.191	32.554	37.192	30.26	.105	1449.2	252
275	-1.532	-1.541	1.572	34.563	27.799	30.188	32.547	37.177	30.35	.112	1450.8	277
300	-1.699	-1.709	1.423	34.563	27.807	30.198	32.560	37.195	29.42	.120	1450.4	302
325	-1.016	-1.025	1.125	34.559	27.816	30.212	32.578	37.223	28.25	.127	1449.4	328
350	-1.239	-1.249	.920	34.554	27.820	30.220	32.589	37.241	27.54	.134	1448.7	353
375	-1.426	-1.436	.753	34.553	27.825	30.227	32.600	37.257	26.77	.141	1448.3	378
400	-1.564	-1.575	.634	34.565	27.839	30.243	32.618	37.279	25.18	.147	1448.1	403
425	-1.737	-1.748	.481	34.580	27.856	30.263	32.640	37.307	23.21	.153	1447.7	429
450	-1.783	-1.795	.455	34.601	27.874	30.282	32.660	37.328	21.31	.159	1447.9	454
475	-1.804	-1.816	.456	34.648	27.913	30.321	32.699	37.367	17.52	.164	1448.3	479
490	-1.816	-1.829	.457	34.673	27.934	30.342	32.720	37.388	15.49	.166	1448.5	494

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 15.1S 174 5.7W 569 560 986.8 160 17 -6.7 0 2250 0 259 30JAN78 BI 78 2 136

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.523	-1.523	1.353	34.252	27.548	29.938	32.297	36.929	54.73	0.000	1445.9	0
10	-1.530	-1.530	1.354	34.253	27.549	29.939	32.298	36.931	54.62	.005	1446.0	10
20	-1.541	-1.541	1.351	34.256	27.552	29.942	32.302	36.935	54.29	.011	1446.1	20
30	-1.586	-1.587	1.315	34.280	27.573	29.963	32.324	36.958	52.26	.016	1446.1	30
40	-1.560	-1.561	1.350	34.292	27.582	29.972	32.332	36.965	51.44	.021	1446.4	40
50	-1.537	-1.538	1.381	34.304	27.591	29.980	32.340	36.972	50.56	.027	1446.7	50
60	-1.593	-1.595	1.333	34.317	27.604	29.994	32.354	36.988	49.31	.032	1446.6	60
70	-1.499	-1.501	1.436	34.333	27.613	30.002	32.361	36.992	48.43	.036	1447.2	71
80	-1.546	-1.549	1.397	34.351	27.629	30.019	32.378	37.011	46.83	.041	1447.2	81
90	-1.985	-1.987	.967	34.363	27.657	30.053	32.419	37.064	44.11	.046	1445.4	91
100	-1.038	-1.041	.921	34.365	27.660	30.057	32.424	37.071	43.72	.050	1445.3	101
125	-1.483	-1.486	.498	34.409	27.711	30.114	32.488	37.148	38.72	.060	1443.7	126
150	-1.490	-1.493	.512	34.441	27.736	30.140	32.514	37.174	36.14	.070	1444.1	151
175	-1.942	-1.947	1.081	34.494	27.761	30.156	32.521	37.164	34.00	.079	1447.1	176
200	-1.657	-1.664	1.387	34.526	27.775	30.165	32.526	37.160	32.75	.087	1448.9	202
225	-1.745	-1.752	1.319	34.536	27.787	30.179	32.541	37.178	31.47	.095	1448.9	227
250	-1.486	-1.494	1.598	34.552	27.789	30.177	32.534	37.163	31.46	.103	1450.6	252
275	-1.537	-1.547	1.566	34.563	27.800	30.189	32.547	37.178	30.30	.110	1450.8	277
300	-1.747	-1.756	1.376	34.564	27.810	30.202	32.563	37.200	29.15	.118	1450.2	302
325	-1.048	-1.058	1.093	34.556	27.815	30.212	32.578	37.224	28.29	.125	1449.2	328
350	-1.280	-1.290	.880	34.556	27.823	30.223	32.593	37.246	27.23	.132	1448.5	353
375	-1.451	-1.461	.729	34.566	27.836	30.239	32.611	37.269	25.69	.139	1448.2	378
400	-1.632	-1.643	.566	34.571	27.846	30.252	32.627	37.290	24.44	.145	1447.7	403
425	-1.698	-1.708	.521	34.590	27.863	30.269	32.646	37.311	22.65	.151	1447.9	429
450	-1.775	-1.786	.464	34.615	27.885	30.293	32.670	37.338	20.31	.156	1448.0	454
466	-1.775	-1.787	.478	34.643	27.908	30.316	32.693	37.360	18.06	.159	1448.3	470



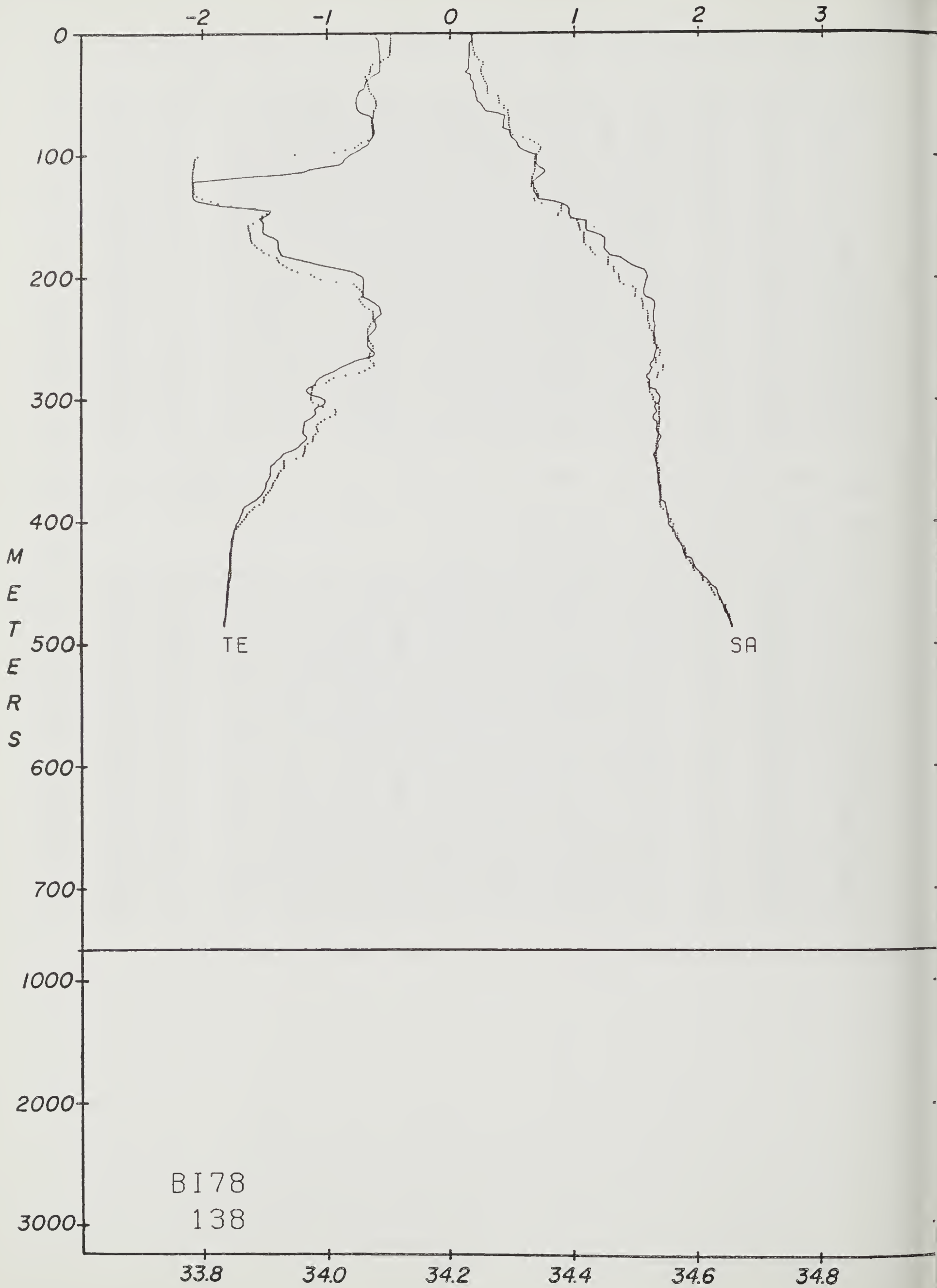
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 14.9S 174 7.3W 569 576 986.8 160 16 -6.7 0 0 0 313 30JAN78 BI 78 1 137

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .608	- .608	1.269	34.251	27.551	29.942	32.302	36.937	54.46	0.000	1443.5	0
10	- .670	- .670	1.214	34.244	27.548	29.940	32.301	36.938	54.72	.005	1445.3	10
20	- .670	- .670	1.222	34.246	27.550	29.941	32.303	36.940	54.53	.011	1445.5	20
30	- .647	- .648	1.253	34.266	27.565	29.956	32.317	36.953	53.09	.016	1445.8	30
40	- .531	- .532	1.379	34.295	27.583	29.973	32.332	36.965	51.29	.022	1446.5	40
50	- .471	- .473	1.446	34.305	27.589	29.977	32.336	36.966	50.76	.027	1447.0	50
60	- .467	- .469	1.458	34.308	27.591	29.979	32.338	36.968	50.53	.032	1447.2	60
70	- .456	- .459	1.478	34.332	27.610	29.998	32.356	36.986	48.71	.037	1447.4	71
80	- .885	- .887	1.057	34.323	27.621	30.015	32.380	37.023	47.58	.041	1445.6	81
90	-1.074	-1.076	.877	34.352	27.651	30.048	32.416	37.064	44.67	.046	1444.9	91
100	-1.176	-1.179	.783	34.365	27.664	30.064	32.433	37.084	43.29	.050	1444.6	101
125	-1.672	-1.674	.310	34.420	27.725	30.131	32.508	37.173	37.32	.061	1442.8	126
150	-1.072	-1.076	.932	34.493	27.765	30.162	32.529	37.176	33.62	.069	1446.1	151
175	- .800	- .805	1.224	34.506	27.765	30.158	32.521	37.159	33.68	.078	1447.8	176
200	- .759	- .765	1.286	34.540	27.791	30.183	32.545	37.182	31.17	.086	1448.5	202
225	- .623	- .631	1.441	34.555	27.797	30.187	32.547	37.180	30.60	.094	1449.5	227
250	- .784	- .792	1.301	34.578	27.822	30.215	32.577	37.215	28.07	.101	1449.2	252
275	- .614	- .623	1.489	34.568	27.808	30.197	32.557	37.190	29.52	.108	1450.4	277
300	- .796	- .806	1.325	34.554	27.803	30.196	32.558	37.197	29.71	.116	1450.0	302
325	- .973	- .983	1.168	34.553	27.810	30.205	32.571	37.214	28.85	.123	1449.6	328
350	-1.317	-1.327	.841	34.542	27.813	30.214	32.584	37.238	28.14	.130	1448.3	353
375	-1.463	-1.473	.716	34.563	27.834	30.237	32.610	37.269	25.83	.137	1448.1	378
400	-1.545	-1.556	.652	34.555	27.830	30.235	32.609	37.270	25.99	.143	1448.1	403
425	-1.710	-1.721	.508	34.570	27.847	30.254	32.631	37.297	24.07	.150	1447.8	429
450	-1.802	-1.813	.437	34.610	27.882	30.290	32.668	37.336	20.55	.155	1447.8	454
475	-1.820	-1.832	.441	34.668	27.930	30.338	32.716	37.384	15.91	.160	1448.2	479
491	-1.831	-1.844	.443	34.686	27.945	30.353	32.731	37.400	14.44	.162	1448.5	495

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
78 14.1S 174 15.1W 569 576 987.1 170 14 -6.7 0 3200 0 357 30JAN78 BI 78 2 137

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.52	-0.52	1.36	34.245	27.54	29.93							0	137
272	-0.67	-0.68	1.43	34.570	27.81	30.20							0	137

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .515	- .515	1.361	34.236	27.535	29.924	32.284	36.916	55.99	0.000	1443.9	0
10	- .515	- .516	1.368	34.236	27.535	29.924	32.284	36.916	55.96	.006	1446.0	10
20	- .540	- .540	1.351	34.236	27.536	29.925	32.285	36.919	55.85	.011	1446.1	20
30	- .625	- .625	1.275	34.252	27.553	29.943	32.305	36.940	54.23	.017	1445.9	30
40	- .750	- .751	1.157	34.254	27.559	29.952	32.315	36.954	53.55	.022	1445.5	40
50	- .663	- .665	1.253	34.284	27.580	29.971	32.333	36.969	51.57	.027	1446.1	50
60	- .687	- .689	1.239	34.322	27.612	30.004	32.365	37.002	48.52	.032	1446.2	60
70	- .758	- .760	1.176	34.330	27.621	30.014	32.376	37.015	47.62	.037	1446.0	71
80	- .681	- .684	1.263	34.375	27.654	30.046	32.407	37.043	44.46	.042	1446.6	81
90	-1.335	-1.337	.617	34.381	27.683	30.085	32.456	37.112	41.51	.046	1443.7	91
100	-1.499	-1.501	.461	34.383	27.690	30.094	32.468	37.128	40.80	.050	1443.1	101
125	-1.562	-1.565	.420	34.427	27.727	30.132	32.506	37.169	37.13	.060	1443.3	126
150	-1.013	-1.017	.990	34.475	27.748	30.144	32.510	37.156	35.25	.069	1446.4	151
175	- .839	- .844	1.185	34.496	27.758	30.152	32.515	37.155	34.28	.078	1447.6	176
200	- .665	- .691	1.359	34.532	27.781	30.172	32.533	37.168	32.13	.086	1448.8	202
225	- .639	- .646	1.425	34.538	27.784	30.174	32.535	37.168	31.83	.094	1449.4	227
250	- .482	- .490	1.602	34.558	27.794	30.182	32.539	37.168	30.98	.102	1450.6	252
275	- .656	- .665	1.447	34.571	27.812	30.202	32.562	37.197	29.09	.109	1450.2	277
300	- .841	- .851	1.281	34.562	27.812	30.205	32.568	37.208	28.87	.117	1449.8	302
325	- .994	-1.004	1.147	34.570	27.824	30.220	32.585	37.229	27.51	.124	1449.5	328
350	-1.335	-1.345	.825	34.557	27.825	30.226	32.597	37.252	26.94	.130	1448.3	353
375	-1.418	-1.428	.762	34.566	27.836	30.238	32.610	37.267	25.79	.137	1448.3	378
400	-1.563	-1.574	.635	34.568	27.841	30.246	32.620	37.282	24.96	.143	1448.1	403
425	-1.752	-1.763	.466	34.588	27.863	30.270	32.647	37.314	22.58	.149	1447.6	429
450	-1.808	-1.820	.430	34.605	27.878	30.287	32.665	37.333	20.89	.155	1447.8	454
475	-1.816	-1.828	.446	34.678	27.938	30.346	32.724	37.391	15.20	.159	1448.3	479
482	-1.828	-1.840	.439	34.680	27.940	30.348	32.726	37.394	14.96	.160	1448.3	486



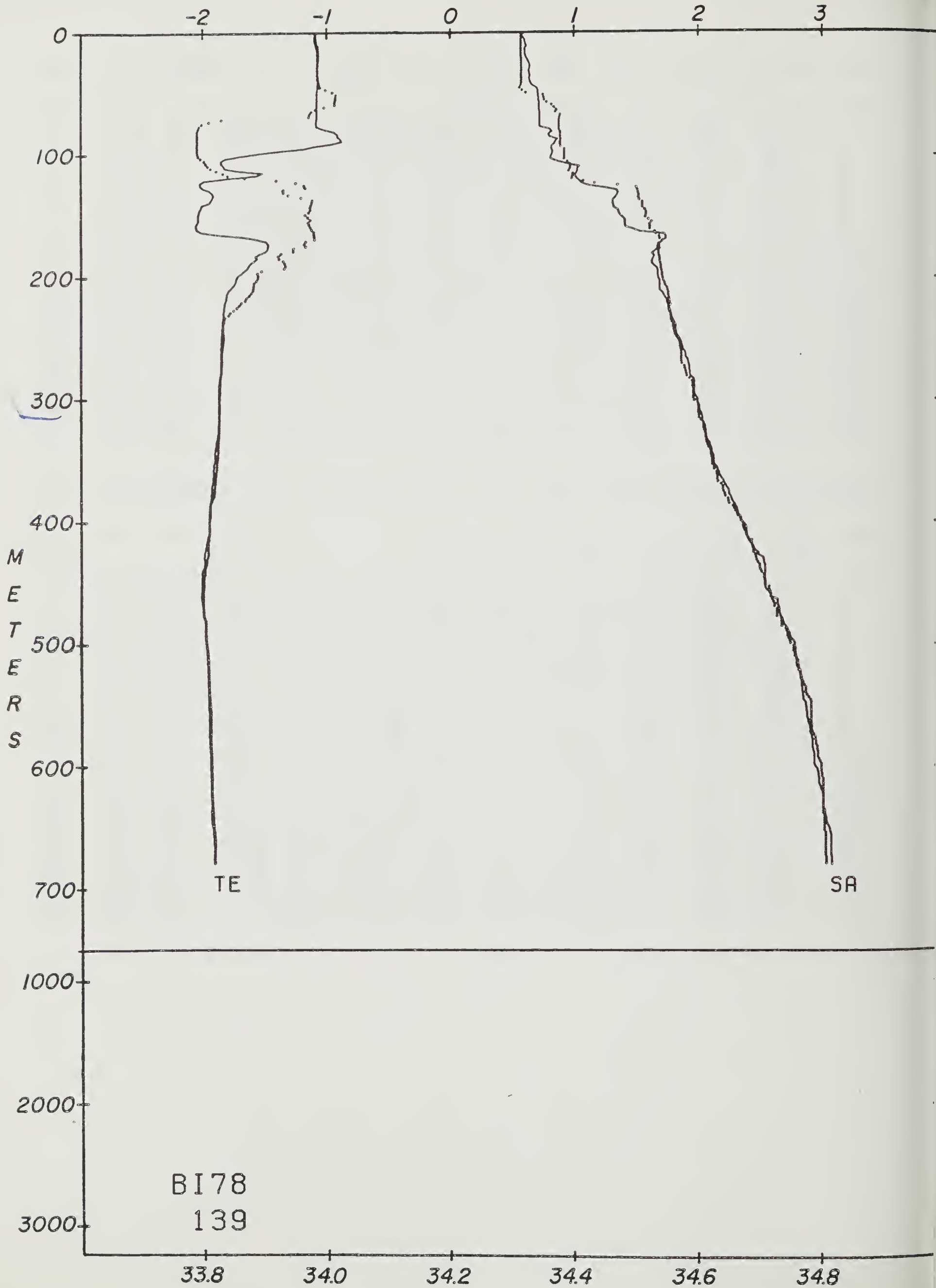
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 15.8S	173 56.3W	569	550	987.5	170	17	-7.7	0	775	0	455	30JAN78	BI	78	1	138

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.602	-.602	1.274	34.229	27.533	29.924	32.285	36.919	56.17	0.000	1445.5	0
10	-.580	-.580	1.303	34.231	27.534	29.924	32.285	36.919	56.07	.006	1445.7	10
20	-.570	-.570	1.321	34.231	27.533	29.923	32.284	36.918	56.10	.011	1445.9	20
30	-.570	-.571	1.328	34.229	27.531	29.921	32.282	36.916	56.25	.017	1446.1	30
40	-.684	-.685	1.222	34.236	27.542	29.934	32.296	36.934	55.16	.022	1445.7	40
50	-.749	-.750	1.165	34.242	27.550	29.942	32.305	36.945	54.44	.028	1445.6	50
60	-.761	-.763	1.161	34.253	27.559	29.952	32.315	36.954	53.55	.033	1445.7	60
70	-.635	-.637	1.297	34.288	27.582	29.973	32.334	36.970	51.32	.039	1446.5	71
80	-.616	-.619	1.324	34.294	27.586	29.977	32.337	36.973	50.94	.044	1446.8	81
90	-.659	-.661	1.290	34.309	27.600	29.991	32.353	36.989	49.55	.049	1446.8	91
100	-.812	-.815	1.145	34.336	27.628	30.021	32.385	37.025	46.87	.053	1446.3	101
125	-2.076	-2.078	-.099	34.336	27.666	30.079	32.463	37.141	42.70	.065	1440.7	126
150	-1.490	-1.493	.509	34.395	27.699	30.103	32.477	37.137	39.68	.075	1444.0	151
175	-1.383	-1.387	.638	34.449	27.740	30.142	32.514	37.170	35.75	.084	1445.0	176
200	-.710	-.716	1.334	34.520	27.772	30.164	32.525	37.161	32.97	.093	1448.7	202
225	-.565	-.573	1.498	34.531	27.776	30.165	32.524	37.155	32.68	.101	1449.8	227
250	-.668	-.676	1.415	34.533	27.781	30.172	32.532	37.167	32.04	.109	1449.7	252
275	-.912	-.920	1.189	34.527	27.786	30.181	32.545	37.187	31.30	.117	1449.0	277
300	-1.009	-1.018	1.112	34.540	27.801	30.197	32.563	37.207	29.76	.125	1449.0	302
325	-1.186	-1.195	.954	34.535	27.803	30.202	32.570	37.220	29.30	.132	1448.5	328
350	-1.400	-1.409	.759	34.534	27.809	30.211	32.583	37.240	28.39	.139	1448.0	353
375	-1.501	-1.512	.676	34.540	27.817	30.221	32.594	37.254	27.41	.146	1447.9	378
400	-1.702	-1.712	.496	34.555	27.835	30.241	32.618	37.284	25.40	.153	1447.4	403
425	-1.768	-1.778	.450	34.579	27.856	30.264	32.642	37.309	23.16	.159	1447.5	429
450	-1.787	-1.799	.452	34.622	27.892	30.299	32.677	37.345	19.68	.164	1447.9	454
475	-1.806	-1.818	.454	34.648	27.913	30.321	32.699	37.367	17.52	.169	1448.3	479
485	-1.822	-1.834	.446	34.657	27.921	30.329	32.707	37.376	16.72	.171	1448.4	489

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 15.6S	174 0.3W	569	550	987.8	170	16	-7.8	0	1750	0	545	30JAN78	BI	78	2	138

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.49	-0.49	1.39	34.249	27.54	29.93							0	138
133	-2.07	-2.07	-0.09	34.346	27.67	30.09				-0.62			0	138

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.483	-.483	1.393	34.236	27.534	29.922	32.281	36.913	56.12	0.000	1446.0	0
10	-.486	-.486	1.397	34.236	27.534	29.923	32.282	36.914	56.05	.006	1446.2	10
20	-.508	-.508	1.384	34.243	27.540	29.929	32.289	36.921	55.43	.011	1446.2	20
30	-.649	-.649	1.251	34.250	27.552	29.944	32.305	36.941	54.26	.017	1445.8	30
40	-.673	-.674	1.235	34.257	27.559	29.950	32.312	36.949	53.62	.022	1445.8	40
50	-.637	-.639	1.278	34.265	27.563	29.954	32.316	36.952	53.16	.027	1446.2	50
60	-.596	-.598	1.328	34.285	27.578	29.969	32.329	36.963	51.72	.033	1446.6	60
70	-.623	-.626	1.309	34.296	27.588	29.978	32.340	36.974	50.79	.038	1446.6	71
80	-.628	-.630	1.312	34.298	27.590	29.980	32.342	36.977	50.58	.043	1446.8	81
90	-.713	-.715	1.237	34.339	27.626	30.018	32.380	37.018	47.08	.048	1446.6	91
100	-1.390	-1.392	.568	34.341	27.652	30.055	32.427	37.085	44.39	.052	1443.6	101
125	-2.075	-2.077	-.099	34.332	27.663	30.076	32.459	37.138	43.02	.063	1440.7	126
150	-1.507	-1.511	.490	34.380	27.688	30.092	32.466	37.127	40.75	.074	1443.9	151
175	-1.560	-1.565	.459	34.424	27.725	30.130	32.505	37.167	37.07	.083	1444.1	176
200	-1.090	-1.095	.951	34.474	27.750	30.148	32.515	37.162	34.84	.092	1446.8	202
225	-.668	-.675	1.395	34.513	27.765	30.156	32.517	37.152	33.58	.101	1449.3	227
250	-.657	-.665	1.425	34.531	27.779	30.170	32.530	37.164	32.22	.109	1449.8	252
275	-.667	-.676	1.435	34.546	27.792	30.183	32.543	37.178	30.97	.117	1450.1	277
300	-1.116	-1.125	1.004	34.531	27.797	30.195	32.562	37.210	30.04	.125	1448.4	302
325	-1.067	-1.077	1.072	34.539	27.802	30.199	32.566	37.212	29.52	.132	1449.1	328
350	-1.313	-1.323	.846	34.536	27.808	30.209	32.579	37.233	28.59	.139	1448.4	353
375	-1.455	-1.465	.723	34.543	27.818	30.221	32.594	37.252	27.39	.146	1448.1	378
400	-1.668	-1.678	.530	34.560	27.838	30.244	32.620	37.285	25.12	.153	1447.6	403
425	-1.757	-1.767	.461	34.583	27.859	30.266	32.644	37.311	22.95	.159	1447.6	429
450	-1.772	-1.783	.468	34.617	27.887	30.294	32.672	37.339	20.16	.164	1448.0	454
475	-1.799	-1.811	.461	34.651	27.915	30.324	32.701	37.369	17.30	.169	1448.3	479
486	-1.814	-1.826	.455	34.658	27.921	30.330	32.707	37.376	16.66	.171	1448.4	490



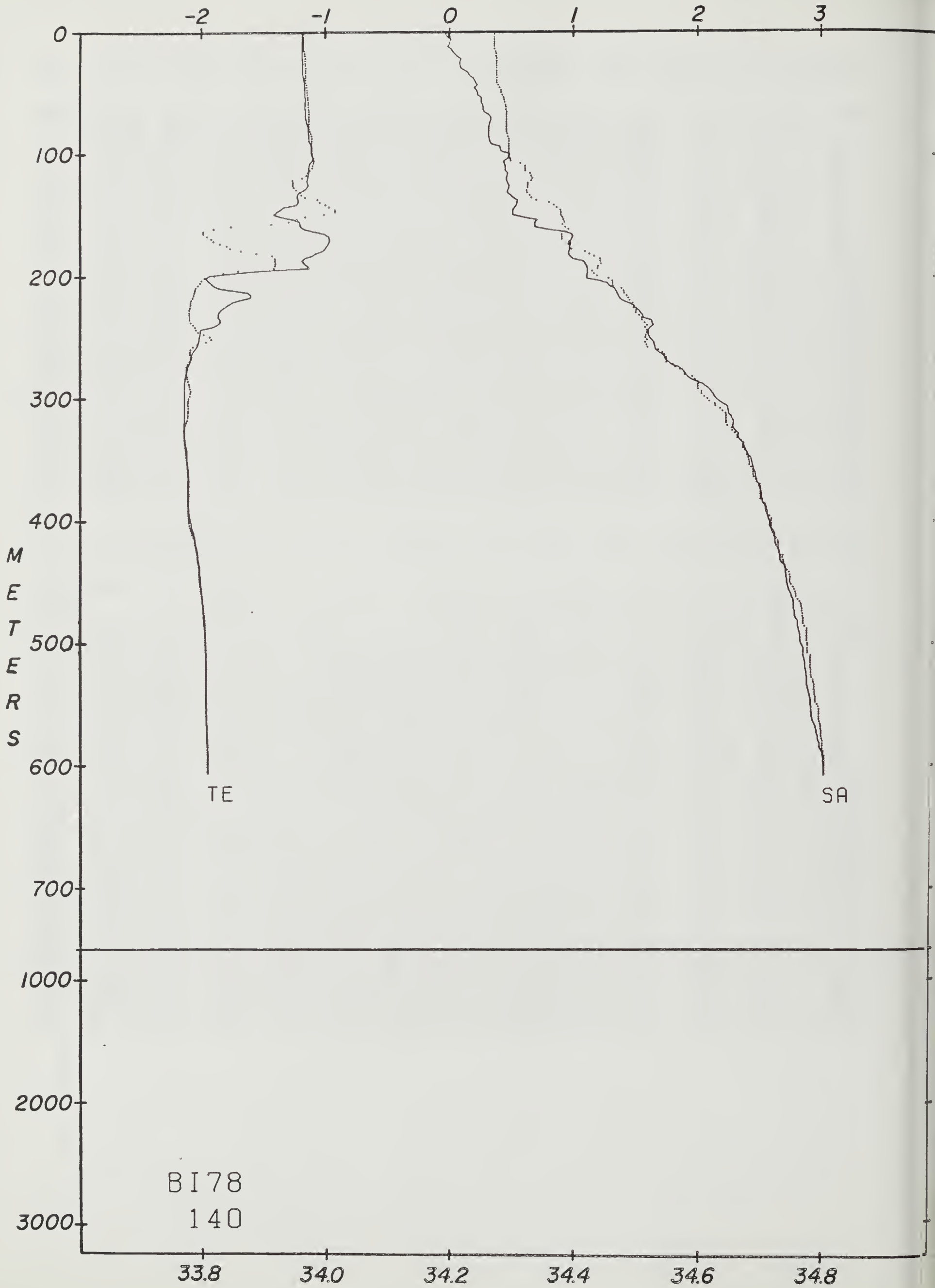
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.3S	179 45.1E	570	680	991.2	170	14	-10.9	0	0	0	1514	30JAN78	BI	78	1	139

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.095	-1.095	.786	34.317	27.623	30.021	32.389	37.038	47.63	0.000	1443.3	-0
10	-1.090	-1.090	.798	34.323	27.628	30.025	32.393	37.042	47.14	.005	1443.5	11
20	-1.075	-1.075	.821	34.323	27.627	30.025	32.393	37.041	47.15	.009	1443.7	21
30	-1.075	-1.075	.829	34.327	27.631	30.028	32.396	37.044	46.80	.014	1443.9	31
40	-1.070	-1.071	.842	34.330	27.633	30.030	32.398	37.046	46.55	.019	1444.1	41
50	-1.080	-1.081	.840	34.342	27.643	30.041	32.408	37.056	45.55	.023	1444.2	51
60	-1.080	-1.082	.847	34.344	27.645	30.042	32.410	37.058	45.36	.028	1444.4	61
70	-1.082	-1.084	.853	34.345	27.645	30.043	32.411	37.059	45.24	.032	1444.6	72
80	-1.070	-1.072	.974	34.365	27.657	30.053	32.419	37.064	44.08	.037	1445.3	82
90	-1.024	-1.026	1.028	34.369	27.659	30.054	32.419	37.063	43.91	.041	1445.7	92
100	-1.633	-1.635	.326	34.364	27.678	30.084	32.460	37.125	41.86	.046	1442.5	102
125	-2.023	-2.025	-.041	34.426	27.738	30.150	32.532	37.209	35.92	.055	1441.1	127
150	-2.038	-2.041	-.035	34.476	27.779	30.191	32.573	37.250	31.88	.064	1441.6	152
175	-1.473	-1.477	.553	34.535	27.812	30.215	32.588	37.247	28.89	.071	1444.7	177
200	-1.725	-1.729	.320	34.537	27.821	30.228	32.605	37.271	27.79	.079	1444.0	203
225	-1.825	-1.830	.240	34.553	27.836	30.245	32.623	37.292	26.11	.085	1443.9	228
250	-1.847	-1.852	.238	34.571	27.852	30.260	32.639	37.309	24.52	.092	1444.3	253
275	-1.851	-1.857	.253	34.587	27.865	30.273	32.652	37.322	23.14	.098	1444.7	278
300	-1.861	-1.868	.263	34.600	27.875	30.285	32.663	37.333	21.97	.103	1445.1	303
325	-1.873	-1.880	.271	34.613	27.886	30.295	32.674	37.344	20.79	.109	1445.4	329
350	-1.900	-1.908	.264	34.626	27.898	30.307	32.686	37.357	19.56	.114	1445.7	354
375	-1.929	-1.937	.256	34.650	27.918	30.328	32.707	37.379	17.49	.118	1446.1	379
400	-1.948	-1.957	.237	34.672	27.936	30.346	32.726	37.398	15.60	.122	1446.4	404
425	-1.985	-1.995	.240	34.697	27.957	30.368	32.748	37.421	13.42	.126	1446.7	430
450	-2.007	-2.017	.238	34.708	27.967	30.377	32.758	37.432	12.35	.129	1447.0	455
475	-1.992	-2.003	.273	34.732	27.986	30.396	32.777	37.450	10.43	.132	1447.5	480
500	-1.969	-1.981	.317	34.756	28.005	30.415	32.795	37.467	8.54	.134	1448.1	505
550	-1.953	-1.967	.371	34.775	28.020	30.430	32.809	37.481	6.87	.138	1449.0	556
600	-1.937	-1.952	.427	34.793	28.034	30.443	32.823	37.494	5.28	.141	1450.0	606
650	-1.916	-1.933	.487	34.814	28.051	30.460	32.839	37.509	3.49	.144	1450.9	657
680	-1.905	-1.923	.521	34.817	28.053	30.462	32.840	37.510	3.15	.144	1451.5	686

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 0.2S	179 41.8E	570	680	990.9	190	9	-12.2	0	0	0	1639	30JAN78	BI	78	2	139

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.09	-1.09	0.79	34.319	27.62	30.02		59		-0.48			0	139
92	-2.05	-2.05	-0.10	34.377	27.70	30.11		68		-0.56			0	139

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.091	-1.091	.790	34.314	27.621	30.018	32.386	37.035	47.87	0.000	1443.3	-0
10	-1.082	-1.082	.806	34.314	27.620	30.018	32.386	37.034	47.86	.005	1443.5	11
20	-1.071	-1.071	.825	34.314	27.620	30.017	32.385	37.033	47.85	.010	1443.7	21
30	-1.078	-1.078	.825	34.315	27.621	30.019	32.386	37.035	47.71	.014	1443.9	31
40	-1.070	-1.071	.840	34.315	27.621	30.013	32.386	37.034	47.70	.019	1444.1	41
50	-1.936	-1.937	.984	34.342	27.638	30.033	32.398	37.042	46.08	.024	1444.9	51
60	-1.985	-1.987	.944	34.366	27.659	30.055	32.421	37.066	44.02	.028	1444.9	61
70	-1.341	-1.343	.596	34.377	27.680	30.082	32.453	37.109	41.91	.033	1443.4	72
80	-2.045	-2.046	-.100	34.378	27.699	30.112	32.495	37.172	39.85	.037	1440.2	82
90	-2.048	-2.050	-.096	34.378	27.700	30.112	32.495	37.173	39.78	.041	1440.4	92
100	-2.041	-2.043	-.081	34.385	27.705	30.118	32.500	37.177	39.19	.045	1440.6	102
125	-1.185	-1.189	.799	34.471	27.751	30.150	32.519	37.169	35.01	.054	1445.2	127
150	-1.185	-1.189	.821	34.516	27.787	30.186	32.554	37.205	31.47	.062	1445.6	152
175	-1.201	-1.206	.825	34.538	27.806	30.205	32.573	37.224	29.63	.070	1446.0	177
200	-1.554	-1.559	.492	34.544	27.822	30.226	32.600	37.261	27.80	.077	1444.8	203
225	-1.726	-1.731	.339	34.554	27.835	30.241	32.619	37.285	26.34	.084	1444.4	228
250	-1.831	-1.837	.253	34.567	27.848	30.257	32.635	37.304	24.88	.090	1444.3	253
275	-1.848	-1.854	.257	34.580	27.859	30.268	32.646	37.316	23.69	.096	1444.7	278
300	-1.867	-1.874	.257	34.594	27.871	30.280	32.659	37.329	22.41	.102	1445.0	303
325	-1.867	-1.875	.277	34.610	27.884	30.293	32.672	37.342	21.04	.107	1445.5	329
350	-1.881	-1.889	.283	34.623	27.895	30.304	32.683	37.353	19.86	.113	1445.8	354
375	-1.906	-1.915	.278	34.641	27.910	30.319	32.699	37.370	18.25	.117	1446.1	379
400	-1.947	-1.957	.257	34.671	27.935	30.345	32.725	37.397	15.68	.122	1446.4	404
425	-1.958	-1.968	.267	34.689	27.950	30.360	32.740	37.412	14.12	.125	1446.8	430
450	-1.995	-2.006	.249	34.708	27.966	30.377	32.758	37.431	12.39	.129	1447.1	455
475	-1.997	-2.008	.268	34.727	27.982	30.392	32.773	37.446	10.79	.132	1447.5	480
500	-1.971	-1.983	.314	34.752	28.002	30.412	32.792	37.464	8.84	.134	1448.1	505
550	-1.940	-1.954	.385	34.783	28.026	30.435	32.815	37.486	6.31	.138	1449.1	556
600	-1.928	-1.943	.436	34.800	28.039	30.449	32.828	37.499	4.79	.141	1450.0	606
650	-1.910	-1.927	.492	34.805	28.043	30.452	32.831	37.501	4.20	.143	1450.9	657
679	-1.900	-1.918	.524	34.808	28.045	30.454	32.833	37.503	3.86	.144	1451.5	685

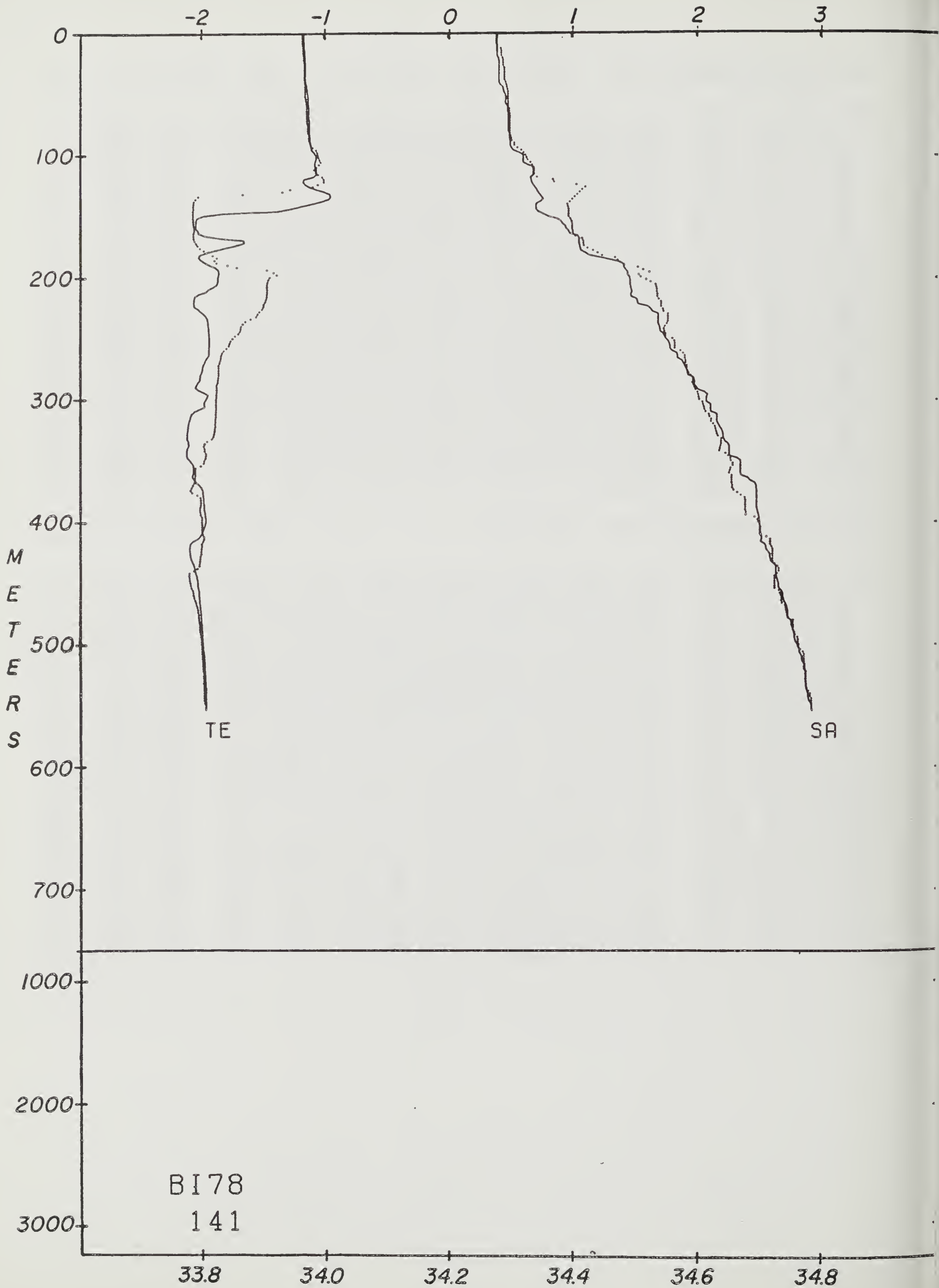


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
78	3.0S	179	33.5E	570	677	990.2	170	18	-12.8	0	1650	0	1852	30JAN78	BI	78	1	140

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.184	-1.184	.689	34.198	27.530	29.930	32.300	36.952	56.46	0.000	1442.7	0
10	-1.184	-1.184	.697	34.201	27.532	29.932	32.302	36.955	56.19	.006	1442.9	10
20	-1.184	-1.185	.705	34.214	27.543	29.943	32.313	36.965	55.13	.011	1443.1	20
30	-1.179	-1.180	.718	34.220	27.548	29.947	32.317	36.969	54.64	.017	1443.2	30
40	-1.170	-1.171	.736	34.241	27.564	29.963	32.333	36.985	53.04	.022	1443.5	40
50	-1.163	-1.164	.752	34.246	27.568	29.968	32.337	36.988	52.62	.027	1443.7	50
60	-1.161	-1.163	.761	34.254	27.574	29.974	32.343	36.994	51.98	.033	1443.9	60
70	-1.157	-1.159	.774	34.267	27.585	29.984	32.354	37.005	50.92	.038	1444.1	71
80	-1.136	-1.138	.802	34.264	27.582	29.980	32.349	37.000	51.21	.043	1444.3	81
90	-1.126	-1.128	.820	34.266	27.583	29.982	32.351	37.001	51.01	.048	1444.6	91
100	-1.107	-1.110	.848	34.294	27.605	30.003	32.372	37.021	48.93	.053	1444.8	101
125	-1.138	-1.142	.836	34.296	27.608	30.007	32.376	37.026	48.54	.065	1445.1	126
150	-1.404	-1.408	.589	34.305	27.624	30.027	32.399	37.058	46.82	.077	1444.3	151
175	-.978	-.983	1.040	34.396	27.683	30.079	32.445	37.090	41.30	.088	1446.8	176
200	-1.933	-1.937	.105	34.423	27.734	30.144	32.525	37.199	35.90	.098	1442.8	202
225	-1.789	-1.794	.272	34.500	27.793	30.201	32.579	37.248	30.27	.106	1444.0	227
250	-2.009	-2.014	.073	34.524	27.818	30.229	32.610	37.286	27.61	.113	1443.4	252
275	-2.105	-2.110	-.001	34.575	27.860	30.273	32.656	37.334	23.34	.120	1443.4	277
300	-2.130	-2.136	-.003	34.632	27.907	30.320	32.703	37.381	18.73	.125	1443.8	302
325	-2.134	-2.141	.013	34.660	27.931	30.344	32.727	37.405	16.36	.129	1444.2	328
350	-2.108	-2.116	.059	34.688	27.953	30.365	32.748	37.424	14.18	.133	1444.8	353
375	-2.103	-2.111	.084	34.704	27.965	30.378	32.760	37.436	12.83	.136	1445.3	378
400	-2.080	-2.089	.127	34.718	27.976	30.388	32.770	37.446	11.69	.139	1445.8	403
425	-2.025	-2.035	.202	34.734	27.988	30.399	32.780	37.454	10.50	.142	1446.5	429
450	-1.997	-2.007	.250	34.746	27.997	30.408	32.789	37.461	9.48	.145	1447.1	454
475	-1.974	-1.986	.292	34.759	28.007	30.417	32.797	37.469	8.44	.147	1447.6	479
500	-1.956	-1.968	.330	34.769	28.015	30.425	32.804	37.476	7.62	.149	1448.2	504
550	-1.950	-1.964	.375	34.785	28.028	30.438	32.817	37.488	6.12	.152	1449.0	555
600	-1.932	-1.948	.432	34.807	28.045	30.455	32.834	37.504	4.24	.155	1450.0	605
608	-1.932	-1.948	.458	34.807	28.045	30.455	32.834	37.504	4.20	.155	1450.1	613

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
77	59.7S	179	32.8E	570	677	990.9	180	9	-11.7	0	2950	0	2016	30JAN78	BI	78	2	140

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.176	-1.176	.702	34.273	27.590	29.989	32.359	37.011	50.73	0.000	1442.8	0
10	-1.173	-1.173	.713	34.273	27.590	29.989	32.359	37.011	50.70	.005	1443.0	10
20	-1.161	-1.161	.732	34.276	27.592	29.991	32.361	37.012	50.46	.010	1443.2	20
30	-1.155	-1.156	.745	34.277	27.593	29.992	32.361	37.012	50.36	.015	1443.4	30
40	-1.154	-1.155	.754	34.277	27.593	29.992	32.361	37.012	50.32	.020	1443.6	40
50	-1.144	-1.145	.773	34.284	27.599	29.997	32.367	37.017	49.75	.025	1443.8	50
60	-1.133	-1.134	.792	34.291	27.603	30.002	32.371	37.021	49.24	.030	1444.1	60
70	-1.128	-1.129	.804	34.293	27.605	30.003	32.372	37.022	49.06	.035	1444.3	71
80	-1.126	-1.128	.814	34.293	27.605	30.003	32.372	37.022	49.02	.040	1444.4	81
90	-1.104	-1.107	.843	34.297	27.607	30.005	32.374	37.024	48.75	.045	1444.7	91
100	-1.101	-1.103	.854	34.297	27.607	30.005	32.374	37.023	48.72	.050	1444.9	101
125	-1.256	-1.260	.719	34.327	27.637	30.037	32.408	37.061	45.77	.062	1444.6	126
150	-1.006	-1.011	.992	34.381	27.672	30.068	32.435	37.081	42.43	.073	1446.3	151
175	-1.815	-1.819	.203	34.394	27.707	30.116	32.495	37.165	38.62	.083	1442.9	176
200	-1.893	-1.897	.146	34.441	27.747	30.157	32.537	37.209	34.66	.092	1443.0	202
225	-2.085	-2.089	-.023	34.499	27.799	30.211	32.594	37.272	29.51	.100	1442.6	227
250	-1.930	-1.936	.151	34.518	27.810	30.221	32.601	37.274	28.33	.107	1443.8	252
275	-2.114	-2.120	-.011	34.569	27.856	30.269	32.652	37.330	23.75	.114	1443.4	277
300	-2.098	-2.105	.027	34.617	27.895	30.307	32.690	37.367	19.97	.119	1443.9	302
325	-2.129	-2.136	.017	34.657	27.927	30.340	32.723	37.401	16.68	.124	1444.3	328
350	-2.111	-2.119	.056	34.664	27.950	30.362	32.745	37.421	14.45	.128	1444.8	353
375	-2.093	-2.101	.095	34.703	27.964	30.377	32.759	37.435	12.92	.131	1445.3	378
400	-2.094	-2.103	.113	34.721	27.979	30.391	32.773	37.450	11.39	.134	1445.8	403
425	-2.030	-2.040	.197	34.734	27.988	30.399	32.780	37.454	10.48	.137	1446.5	429
450	-2.003	-2.014	.244	34.751	28.001	30.412	32.793	37.466	9.10	.139	1447.1	454
475	-1.968	-1.980	.299	34.772	28.017	30.427	32.807	37.479	7.51	.141	1447.7	479
500	-1.955	-1.967	.331	34.780	28.024	30.433	32.813	37.484	6.80	.143	1448.2	504
550	-1.947	-1.961	.378	34.796	28.036	30.446	32.825	37.496	5.33	.146	1449.1	555
600	-1.936	-1.951	.428	34.808	28.046	30.456	32.835	37.506	4.15	.148	1450.0	605
607	-1.934	-1.949	.436	34.808	28.046	30.456	32.835	37.505	4.12	.149	1450.1	612



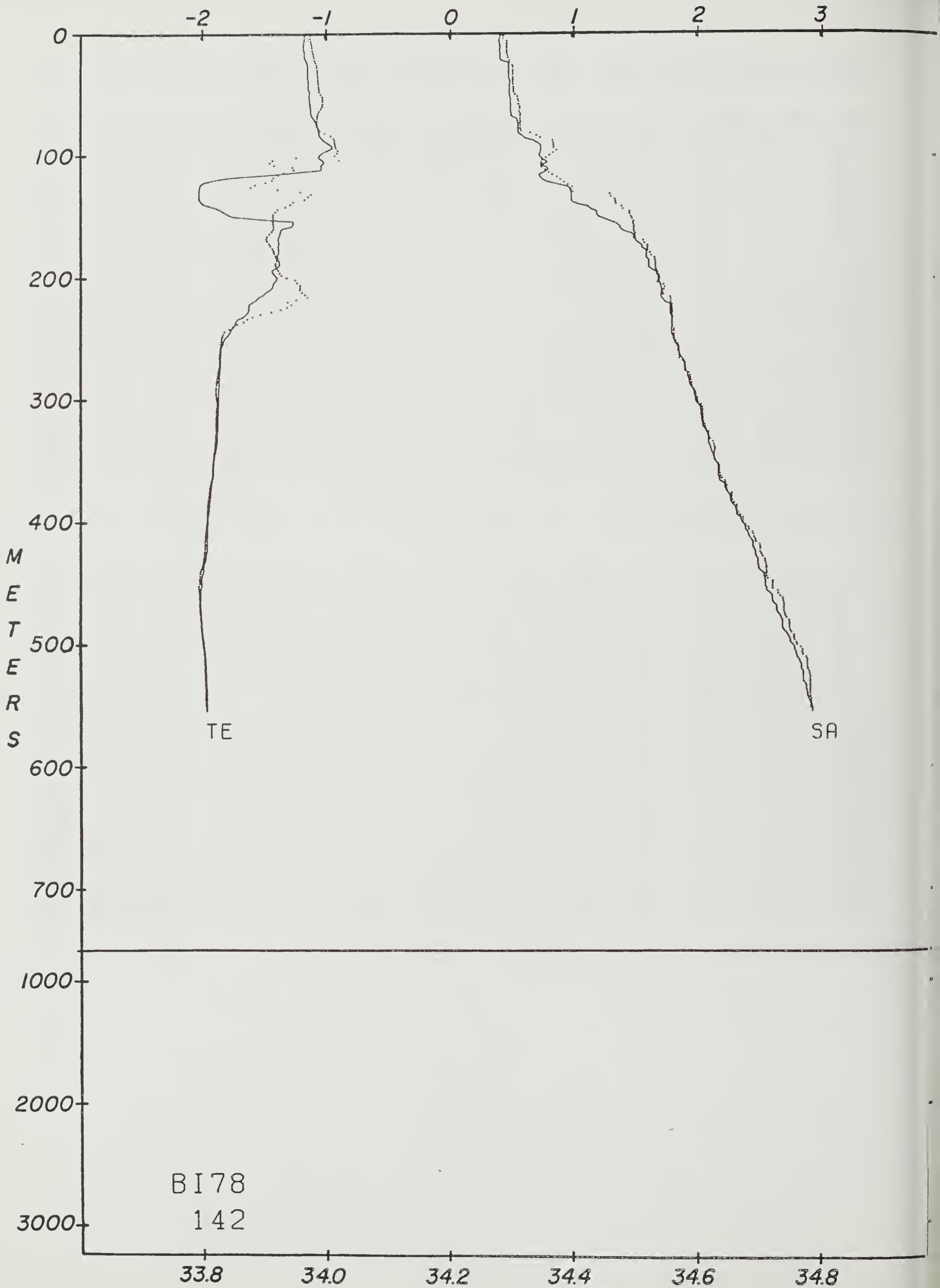
BI 78
141

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 77 59.7S 179 32.9E 570 677 990.9 180 9 -11.7 0 3000 0 2018 30JAN78 BI 78 1 141

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.158	-1.158	.720	34.282	27.597	29.996	32.365	37.016	50.10	0.000	1442.9	0
10	-1.158	-1.158	.729	34.280	27.595	29.995	32.364	37.015	50.21	.005	1443.1	10
20	-1.153	-1.153	.741	34.281	27.596	29.995	32.364	37.015	50.08	.010	1443.3	20
30	-1.148	-1.148	.754	34.283	27.598	29.996	32.365	37.016	49.93	.015	1443.5	30
40	-1.145	-1.146	.764	34.283	27.598	29.997	32.365	37.016	49.86	.020	1443.7	40
50	-1.131	-1.132	.786	34.293	27.605	30.004	32.373	37.023	49.11	.025	1443.9	50
60	-1.122	-1.124	.803	34.297	27.608	30.006	32.375	37.025	48.81	.030	1444.1	60
70	-1.119	-1.121	.813	34.298	27.609	30.007	32.376	37.025	48.71	.035	1444.3	71
80	-1.116	-1.118	.824	34.298	27.609	30.007	32.376	37.025	48.64	.040	1444.5	81
90	-1.107	-1.110	.841	34.301	27.611	30.009	32.377	37.027	48.44	.044	1444.7	91
100	-1.066	-1.069	.891	34.322	27.626	30.024	32.391	37.039	46.94	.049	1445.1	101
125	-1.135	-1.138	.842	34.340	27.643	30.041	32.410	37.060	45.24	.061	1445.2	126
150	-1.968	-1.971	.029	34.363	27.685	30.097	32.479	37.153	40.74	.071	1441.7	151
175	-1.749	-1.753	.270	34.414	27.722	30.130	32.508	37.176	37.25	.081	1443.2	176
200	-1.853	-1.857	.189	34.493	27.789	30.198	32.577	37.247	30.76	.090	1443.3	202
225	-2.034	-2.039	.029	34.526	27.819	30.231	32.613	37.289	27.58	.097	1442.9	227
250	-1.923	-1.928	.161	34.552	27.838	30.248	32.628	37.301	25.72	.104	1443.9	252
275	-1.981	-1.987	.123	34.585	27.866	30.277	32.658	37.331	22.93	.110	1444.0	277
300	-1.953	-1.960	.172	34.617	27.891	30.302	32.682	37.354	20.38	.115	1444.6	302
325	-2.104	-2.111	.041	34.642	27.915	30.328	32.710	37.387	17.89	.120	1444.4	328
350	-2.083	-2.091	.083	34.672	27.939	30.351	32.733	37.410	15.47	.124	1444.9	353
375	-1.976	-1.984	.211	34.698	27.958	30.368	32.748	37.421	13.68	.128	1445.9	378
400	-1.952	-1.962	.254	34.703	27.961	30.371	32.751	37.423	13.23	.131	1446.4	403
425	-2.084	-2.094	.142	34.718	27.976	30.388	32.770	37.446	11.53	.134	1446.2	429
450	-2.019	-2.029	.227	34.733	27.987	30.398	32.779	37.452	10.41	.137	1447.0	454
475	-1.992	-2.003	.274	34.748	27.999	30.409	32.790	37.462	9.22	.139	1447.5	479
500	-1.975	-1.988	.310	34.763	28.011	30.421	32.801	37.473	7.97	.142	1448.1	504
550	-1.949	-1.963	.376	34.787	28.029	30.439	32.819	37.490	5.98	.145	1449.1	555
554	-1.949	-1.963	.379	34.788	28.030	30.440	32.820	37.491	5.88	.145	1449.1	559

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 77 59.2S 179 32.2E 570 677 990.9 170 14 -11.6 0 4000 0 2102 30JAN78 BI 78 2 141

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.174	-1.174	.705	34.279	27.595	29.994	32.364	37.015	50.28	0.000	1442.9	0
10	-1.168	-1.168	.718	34.281	27.597	29.996	32.365	37.016	50.08	.005	1443.1	10
20	-1.159	-1.159	.735	34.289	27.602	30.001	32.371	37.022	49.50	.010	1443.3	20
30	-1.152	-1.153	.750	34.292	27.605	30.004	32.373	37.024	49.22	.015	1443.5	30
40	-1.150	-1.151	.759	34.294	27.606	30.005	32.374	37.025	49.06	.020	1443.7	40
50	-1.147	-1.148	.771	34.298	27.610	30.008	32.377	37.028	48.70	.025	1443.8	50
60	-1.136	-1.138	.789	34.298	27.610	30.008	32.377	37.027	48.66	.030	1444.1	60
70	-1.135	-1.137	.797	34.301	27.612	30.010	32.379	37.030	48.42	.034	1444.2	71
80	-1.125	-1.127	.815	34.301	27.611	30.010	32.378	37.028	48.41	.039	1444.4	81
90	-1.108	-1.110	.840	34.307	27.616	30.014	32.382	37.032	47.96	.044	1444.7	91
100	-1.042	-1.044	.915	34.326	27.629	30.026	32.393	37.040	46.72	.049	1445.2	101
125	-1.081	-1.084	.900	34.413	27.701	30.098	32.465	37.113	39.81	.060	1445.5	126
150	-2.058	-2.061	.060	34.397	27.715	30.128	32.511	37.188	37.92	.069	1441.3	151
175	-2.007	-2.010	.013	34.424	27.736	30.148	32.529	37.205	35.80	.079	1442.0	176
200	-1.420	-1.425	.623	34.511	27.791	30.193	32.566	37.223	30.79	.087	1445.3	202
225	-1.490	-1.496	.574	34.546	27.822	30.225	32.598	37.257	27.72	.094	1445.5	227
250	-1.732	-1.738	.352	34.561	27.840	30.248	32.624	37.291	25.66	.101	1444.8	252
275	-1.845	-1.851	.260	34.587	27.864	30.273	32.652	37.321	23.19	.107	1444.7	277
300	-1.864	-1.871	.261	34.607	27.881	30.290	32.669	37.339	21.47	.113	1445.0	302
325	-1.876	-1.884	.269	34.632	27.902	30.311	32.690	37.360	19.31	.118	1445.4	328
350	-1.962	-1.970	.204	34.657	27.924	30.335	32.715	37.388	16.98	.122	1445.5	353
375	-2.070	-2.078	.115	34.664	27.932	30.344	32.726	37.402	15.96	.126	1445.4	378
400	-1.978	-1.987	.228	34.701	27.961	30.371	32.751	37.424	13.26	.130	1446.3	403
425	-1.988	-1.998	.239	34.724	27.979	30.390	32.770	37.443	11.36	.133	1446.7	429
450	-2.077	-2.087	.168	34.727	27.984	30.396	32.777	37.453	10.67	.136	1446.7	454
475	-2.010	-2.022	.255	34.747	27.999	30.410	32.790	37.464	9.20	.138	1447.5	479
500	-1.983	-1.995	.303	34.766	28.013	30.423	32.803	37.476	7.76	.140	1448.0	504
550	-1.952	-1.966	.373	34.787	28.029	30.439	32.819	37.490	5.97	.144	1449.0	554

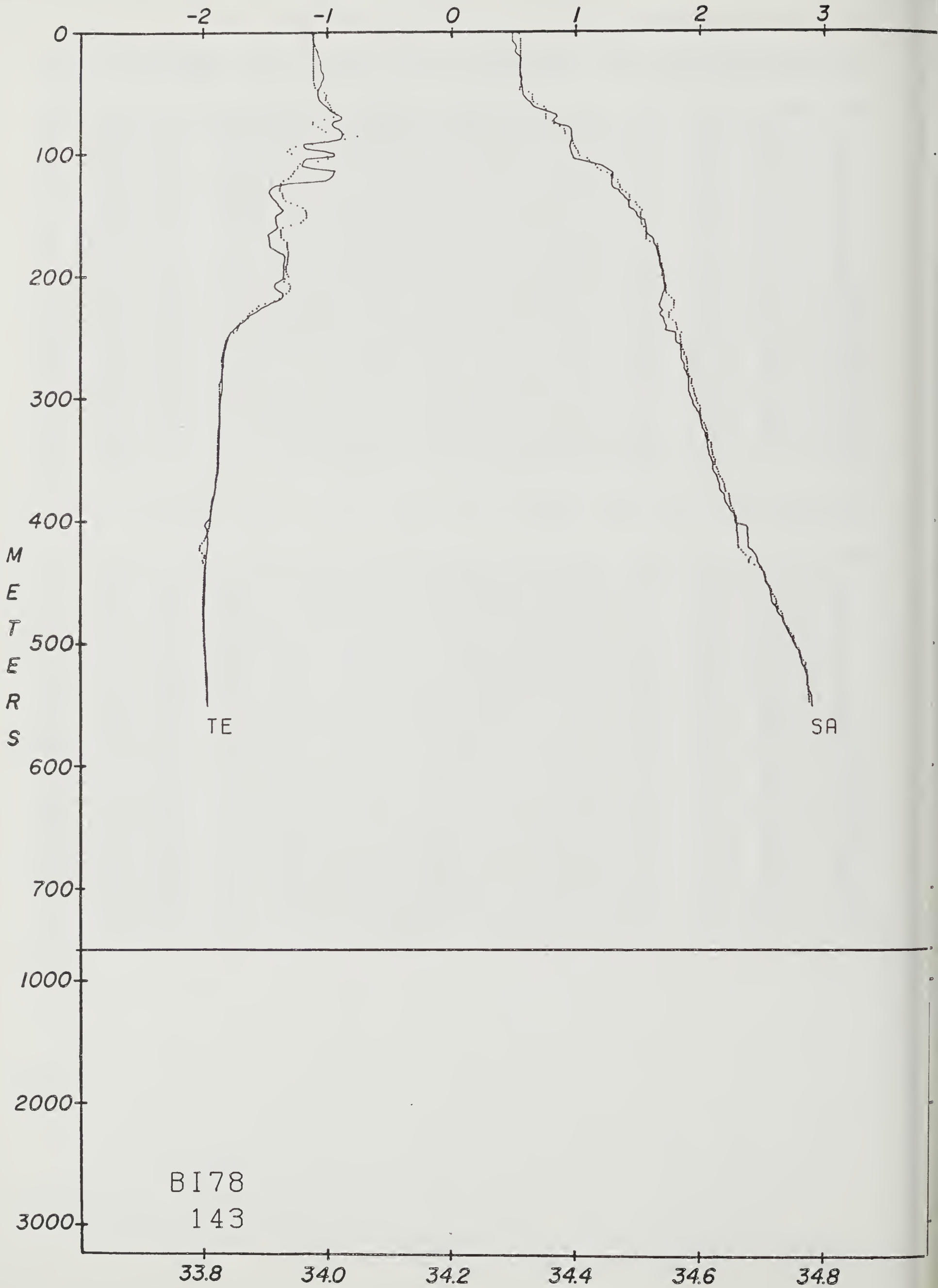


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.0S	179 32.0E	570	677	990.5	170	14	-11.3	0	4000	0	2119	30JAN78	BI	78	1	142	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.161	-1.161	.718	34.284	27.599	29.998	32.367	37.018	49.94	0.000	1442.9	0
10	-1.169	-1.169	.717	34.284	27.599	29.998	32.367	37.019	49.87	.005	1443.1	10
20	-1.157	-1.158	.736	34.284	27.599	29.998	32.367	37.018	49.85	.010	1443.3	20
30	-1.134	-1.134	.768	34.298	27.609	30.008	32.377	37.027	48.83	.015	1443.6	30
40	-1.129	-1.130	.781	34.300	27.611	30.009	32.378	37.028	48.66	.020	1443.8	40
50	-1.121	-1.122	.797	34.299	27.610	30.008	32.377	37.027	48.69	.025	1444.0	50
60	-1.113	-1.115	.812	34.301	27.611	30.009	32.377	37.027	48.54	.030	1444.2	60
70	-1.086	-1.088	.847	34.308	27.616	30.014	32.382	37.030	48.03	.034	1444.5	71
80	-1.046	-1.048	.895	34.313	27.618	30.016	32.383	37.030	47.77	.039	1444.8	81
90	-.974	-.977	.976	34.345	27.641	30.037	32.403	37.048	45.59	.044	1445.4	91
100	-1.040	-1.043	.918	34.348	27.646	30.043	32.411	37.058	45.04	.048	1445.2	101
125	-2.005	-2.008	.026	34.387	27.706	30.118	32.500	37.176	38.99	.059	1441.2	126
150	-1.709	-1.712	.293	34.443	27.744	30.151	32.529	37.195	35.29	.068	1443.1	151
175	-1.371	-1.375	.654	34.514	27.792	30.193	32.565	37.220	30.87	.076	1445.2	176
200	-1.383	-1.388	.662	34.540	27.813	30.215	32.586	37.242	28.73	.084	1445.6	202
225	-1.607	-1.613	.458	34.559	27.835	30.241	32.615	37.278	26.35	.091	1444.9	227
250	-1.802	-1.807	.283	34.565	27.846	30.254	32.632	37.300	25.10	.097	1444.4	252
275	-1.841	-1.848	.263	34.584	27.862	30.270	32.649	37.318	23.44	.103	1444.7	277
300	-1.853	-1.860	.272	34.600	27.875	30.284	32.663	37.333	21.99	.109	1445.1	302
325	-1.858	-1.866	.286	34.617	27.889	30.298	32.677	37.346	20.54	.114	1445.5	328
350	-1.892	-1.900	.272	34.632	27.903	30.312	32.691	37.362	19.11	.119	1445.8	353
375	-1.916	-1.924	.269	34.652	27.919	30.329	32.708	37.380	17.38	.124	1446.1	378
400	-1.943	-1.952	.262	34.676	27.939	30.349	32.729	37.401	15.31	.128	1446.4	403
425	-1.950	-1.961	.274	34.697	27.956	30.366	32.746	37.418	13.54	.131	1446.8	429
450	-1.990	-2.001	.255	34.713	27.970	30.381	32.761	37.434	12.04	.135	1447.1	454
475	-1.999	-2.011	.266	34.734	27.988	30.398	32.779	37.452	10.23	.137	1447.5	479
500	-1.971	-1.984	.314	34.756	28.005	30.415	32.795	37.467	8.51	.140	1448.1	504
550	-1.947	-1.960	.378	34.788	28.030	30.440	32.820	37.491	5.89	.143	1449.1	555
555	-1.947	-1.961	.382	34.789	28.031	30.441	32.820	37.491	5.81	.144	1449.1	560

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 58.6S	179 31.6E	570	677	990.2	180	13	-10.5	0	4600	0	2205	30JAN78	BI	78	2	142	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.118	-1.118	.761	34.289	27.601	29.999	32.368	37.018	49.70	0.000	1443.1	0
10	-1.101	-1.101	.786	34.295	27.606	30.004	32.372	37.021	49.25	.005	1443.4	10
20	-1.081	-1.081	.814	34.297	27.607	30.005	32.372	37.021	49.09	.010	1443.7	20
30	-1.056	-1.056	.847	34.305	27.612	30.009	32.377	37.025	48.56	.015	1443.9	30
40	-1.047	-1.048	.863	34.305	27.612	30.009	32.377	37.024	48.55	.020	1444.2	40
50	-1.027	-1.029	.891	34.308	27.614	30.010	32.377	37.024	48.35	.024	1444.4	50
60	-1.017	-1.019	.908	34.316	27.619	30.016	32.383	37.030	47.76	.029	1444.6	60
70	-1.058	-1.060	.875	34.317	27.622	30.019	32.387	37.035	47.47	.034	1444.6	71
80	-1.030	-1.033	.911	34.321	27.624	30.020	32.388	37.035	47.26	.039	1444.9	81
90	-.913	-.916	1.038	34.370	27.659	30.054	32.419	37.062	43.90	.043	1445.7	91
100	-.964	-.967	.995	34.364	27.656	30.052	32.418	37.063	44.11	.048	1445.6	101
125	-1.559	-1.562	.421	34.397	27.703	30.107	32.482	37.145	39.43	.058	1443.3	126
150	-1.412	-1.415	.593	34.495	27.778	30.180	32.552	37.209	32.29	.067	1444.5	151
175	-1.425	-1.430	.600	34.522	27.800	30.202	32.575	37.232	30.04	.075	1444.9	176
200	-1.297	-1.302	.748	34.540	27.811	30.211	32.581	37.234	29.01	.082	1446.0	202
225	-1.326	-1.332	.739	34.562	27.829	30.230	32.601	37.254	27.12	.089	1446.3	227
250	-1.825	-1.831	.259	34.566	27.847	30.255	32.634	37.302	25.01	.096	1444.3	252
275	-1.849	-1.855	.255	34.583	27.861	30.270	32.649	37.319	23.45	.102	1444.7	277
300	-1.861	-1.868	.263	34.603	27.878	30.287	32.665	37.335	21.77	.108	1445.0	302
325	-1.867	-1.875	.277	34.619	27.891	30.300	32.679	37.349	20.37	.113	1445.5	328
350	-1.889	-1.897	.275	34.633	27.903	30.312	32.691	37.362	19.06	.118	1445.8	353
375	-1.924	-1.932	.261	34.654	27.921	30.330	32.710	37.381	17.23	.122	1446.1	378
400	-1.941	-1.950	.264	34.678	27.941	30.350	32.730	37.402	15.19	.126	1446.4	403
425	-1.964	-1.974	.262	34.706	27.964	30.374	32.754	37.426	12.81	.130	1446.8	429
450	-2.003	-2.014	.242	34.725	27.980	30.391	32.772	37.445	11.08	.133	1447.0	454
475	-1.993	-2.004	.272	34.744	27.996	30.406	32.787	37.460	9.49	.135	1447.5	479
500	-1.972	-1.984	.314	34.765	28.012	30.422	32.802	37.474	7.88	.138	1448.1	504
550	-1.946	-1.960	.378	34.787	28.029	30.439	32.818	37.490	5.99	.141	1449.1	555
551	-1.946	-1.960	.380	34.787	28.029	30.439	32.818	37.490	5.98	.141	1449.1	556

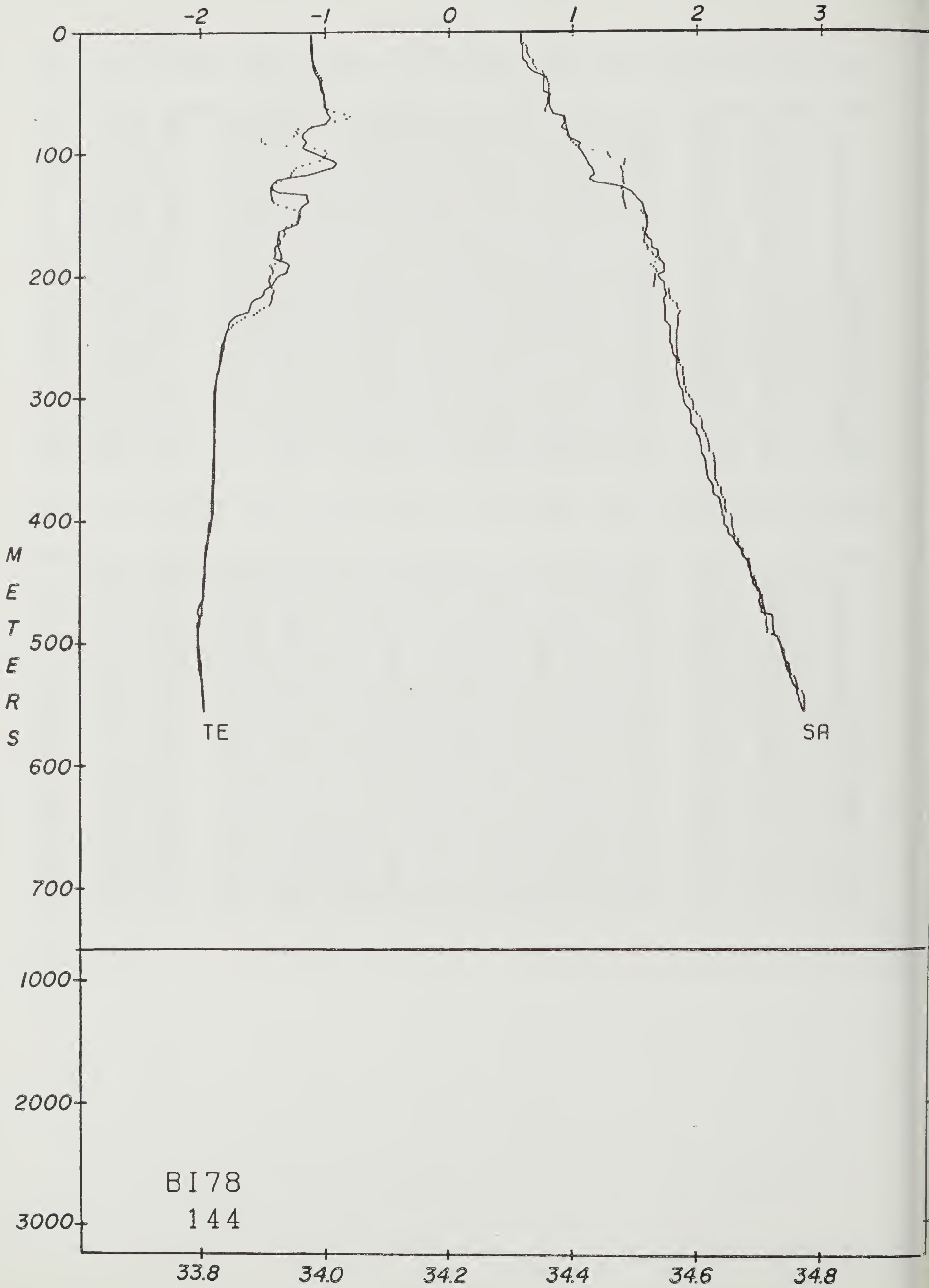


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 58.7S	179 31.6E	570	678	990.2	180	13	-10.5	0	4950	0	2207	30JAN78	BI	78	1	143

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.113	-1.113	.767	34.300	27.610	30.008	32.377	37.026	48.87	0.000	1443.2	0
10	-1.095	-1.096	.792	34.303	27.612	30.010	32.378	37.028	48.62	.005	1443.4	10
20	-1.062	-1.062	.833	34.311	27.617	30.014	32.382	37.030	48.13	.010	1443.8	20
30	-1.044	-1.045	.858	34.313	27.618	30.015	32.382	37.030	48.01	.015	1444.0	30
40	-1.033	-1.034	.877	34.315	27.619	30.016	32.383	37.030	47.83	.019	1444.2	40
50	-1.069	-1.071	.849	34.317	27.622	30.020	32.387	37.036	47.51	.024	1444.2	50
60	-1.019	-1.021	.908	34.331	27.632	30.029	32.396	37.042	46.54	.029	1444.6	60
70	-.881	-.883	1.056	34.371	27.659	30.053	32.418	37.060	44.02	.033	1445.5	71
80	-.903	-.905	1.043	34.394	27.678	30.073	32.437	37.080	42.16	.038	1445.6	81
90	-1.002	-1.005	.951	34.394	27.682	30.078	32.445	37.090	41.68	.042	1445.3	91
100	-.934	-.937	1.026	34.395	27.681	30.076	32.441	37.085	41.82	.046	1445.8	101
125	-1.356	-1.359	.628	34.459	27.747	30.148	32.520	37.176	35.33	.056	1444.3	126
150	-1.397	-1.401	.608	34.500	27.782	30.184	32.556	37.212	31.91	.064	1444.6	151
175	-1.447	-1.452	.578	34.529	27.806	30.209	32.582	37.240	29.44	.072	1444.8	176
200	-1.340	-1.346	.705	34.544	27.815	30.216	32.587	37.241	28.58	.079	1445.8	202
225	-1.498	-1.504	.566	34.537	27.814	30.218	32.591	37.251	28.42	.086	1445.4	227
250	-1.786	-1.791	.299	34.563	27.844	30.251	32.629	37.297	25.33	.093	1444.5	252
275	-1.827	-1.834	.277	34.577	27.856	30.264	32.643	37.312	23.97	.099	1444.8	277
300	-1.845	-1.852	.279	34.589	27.866	30.275	32.654	37.323	22.87	.105	1445.1	302
325	-1.854	-1.862	.290	34.607	27.881	30.290	32.669	37.338	21.31	.110	1445.5	328
350	-1.862	-1.870	.302	34.621	27.893	30.302	32.681	37.350	20.05	.116	1445.9	353
375	-1.891	-1.900	.292	34.635	27.905	30.314	32.693	37.364	18.76	.120	1446.2	378
400	-1.952	-1.961	.252	34.659	27.926	30.336	32.716	37.389	16.56	.125	1446.4	403
425	-1.956	-1.967	.268	34.688	27.949	30.359	32.739	37.411	14.24	.129	1446.8	429
450	-1.970	-1.980	.275	34.708	27.966	30.376	32.756	37.429	12.47	.132	1447.2	454
475	-1.980	-1.992	.284	34.728	27.982	30.393	32.773	37.446	10.77	.135	1447.6	479
500	-1.974	-1.986	.311	34.754	28.003	30.413	32.793	37.465	8.71	.137	1448.1	504
550	-1.952	-1.965	.373	34.783	28.026	30.436	32.816	37.487	6.26	.141	1449.0	555
552	-1.949	-1.963	.377	34.784	28.027	30.437	32.816	37.488	6.19	.141	1449.1	557

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 58.3S	179 31.2E	570	678	989.8	180	12	-10.2	0	5500	0	2247	30JAN78	BI	78	2	143

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.101	-1.101	.779	34.311	27.619	30.016	32.385	37.034	48.07	0.000	1443.2	0
10	-1.106	-1.106	.782	34.313	27.620	30.018	32.387	37.036	47.85	.005	1443.4	10
20	-1.106	-1.107	.789	34.313	27.620	30.018	32.387	37.036	47.80	.010	1443.6	20
30	-1.106	-1.107	.797	34.312	27.620	30.018	32.386	37.035	47.85	.014	1443.7	30
40	-1.105	-1.106	.806	34.314	27.621	30.019	32.387	37.036	47.69	.019	1443.9	40
50	-1.021	-1.022	.897	34.323	27.625	30.022	32.389	37.035	47.25	.024	1444.5	50
60	-.974	-.976	.953	34.342	27.639	30.035	32.401	37.046	45.89	.029	1444.9	60
70	-.952	-.954	.984	34.354	27.648	30.044	32.409	37.054	45.02	.033	1445.2	71
80	-1.033	-1.035	.912	34.383	27.674	30.071	32.438	37.084	42.48	.037	1445.0	81
90	-1.015	-1.018	.938	34.397	27.685	30.081	32.448	37.094	41.45	.042	1445.3	91
100	-1.245	-1.247	.717	34.406	27.701	30.101	32.471	37.123	39.85	.046	1444.4	101
125	-1.365	-1.368	.619	34.470	27.756	30.158	32.529	37.195	34.47	.055	1444.3	126
150	-1.154	-1.158	.851	34.506	27.778	30.176	32.545	37.194	32.35	.063	1445.7	151
175	-1.309	-1.313	.717	34.534	27.806	30.206	32.577	37.230	29.57	.071	1445.5	176
200	-1.305	-1.311	.740	34.541	27.812	30.212	32.583	37.236	28.88	.078	1445.9	202
225	-1.345	-1.351	.520	34.560	27.834	30.239	32.612	37.273	26.50	.085	1445.2	227
250	-1.791	-1.796	.294	34.571	27.850	30.258	32.635	37.304	24.73	.092	1444.5	252
275	-1.833	-1.840	.271	34.583	27.861	30.269	32.648	37.317	23.54	.098	1444.7	277
300	-1.854	-1.861	.270	34.597	27.873	30.281	32.660	37.330	22.26	.103	1445.1	302
325	-1.862	-1.869	.282	34.613	27.886	30.295	32.674	37.344	20.84	.109	1445.5	328
350	-1.870	-1.878	.294	34.627	27.897	30.306	32.685	37.355	19.62	.114	1445.9	353
375	-1.891	-1.900	.293	34.644	27.912	30.321	32.700	37.370	18.12	.119	1446.2	378
400	-1.931	-1.940	.273	34.661	27.927	30.337	32.716	37.388	16.50	.123	1446.5	403
425	-2.005	-2.015	.218	34.670	27.936	30.347	32.728	37.402	15.38	.127	1446.5	429
450	-1.981	-1.992	.263	34.710	27.968	30.378	32.758	37.431	12.30	.130	1447.1	454
475	-1.987	-1.998	.278	34.734	27.987	30.398	32.778	37.451	10.31	.133	1447.5	479
500	-1.978	-1.990	.307	34.756	28.005	30.415	32.795	37.467	8.53	.136	1448.0	504
548	-1.952	-1.965	.371	34.779	28.023	30.433	32.812	37.484	6.59	.139	1449.0	553



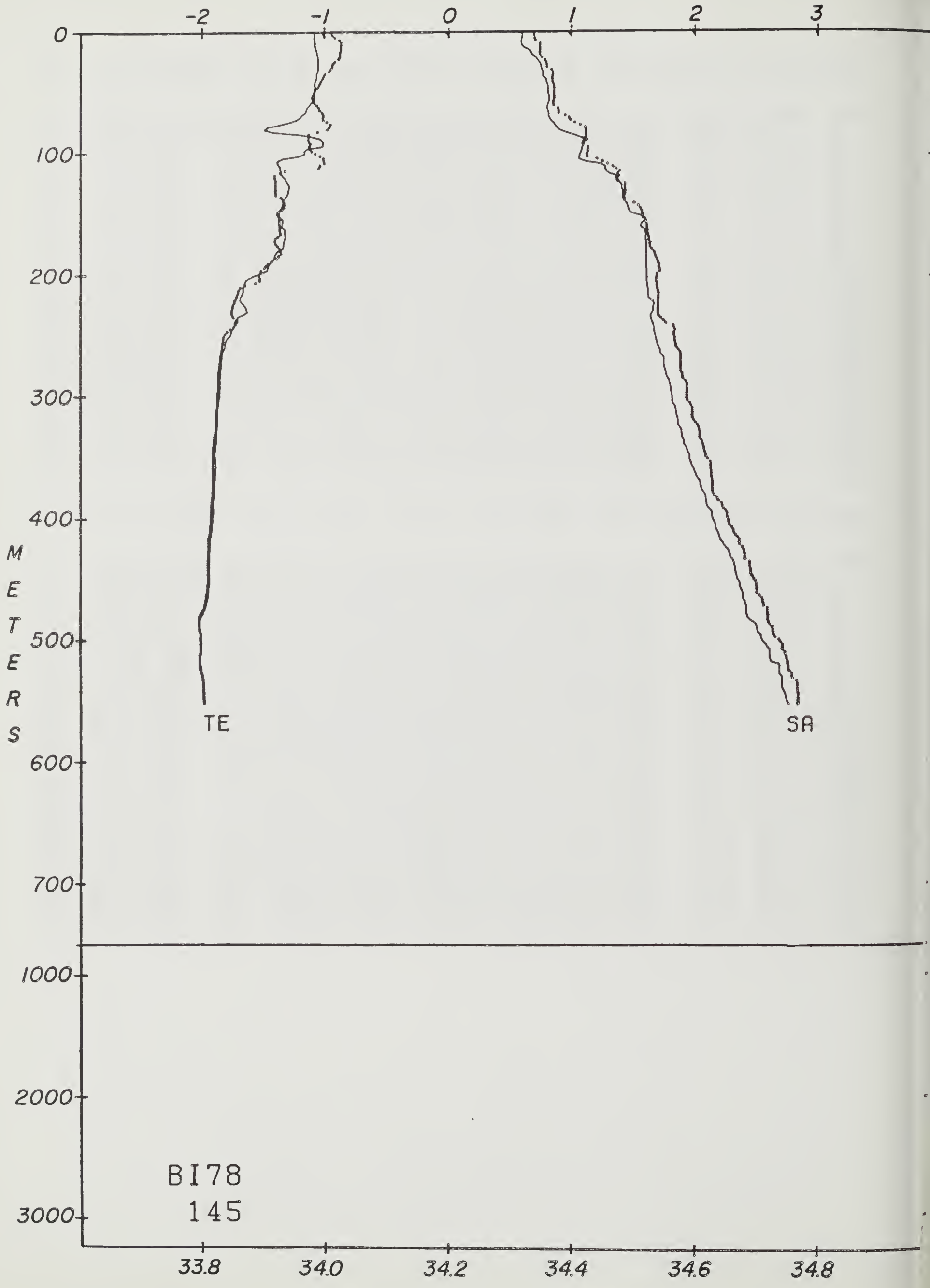
BI 78
144

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 58.2S	179 31.0E	570	678	989.8	180	12	-10.0	0	5850	0	2301	30JAN78	BI	78	1	144	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.082	-1.082	.798	34.320	27.625	30.023	32.391	37.039	47.44	0.000	1443.3	0
10	-1.080	-1.080	.809	34.321	27.626	30.023	32.391	37.040	47.35	.005	1443.5	10
20	-1.077	-1.077	.819	34.323	27.627	30.025	32.393	37.041	47.14	.009	1443.7	20
30	-1.071	-1.071	.833	34.332	27.634	30.032	32.400	37.048	46.43	.014	1443.9	30
40	-1.026	-1.027	.887	34.357	27.653	30.050	32.417	37.063	44.63	.019	1444.3	40
50	-1.002	-1.003	.919	34.361	27.655	30.051	32.418	37.064	44.42	.023	1444.6	50
60	-.982	-.983	.947	34.367	27.660	30.055	32.422	37.067	43.96	.028	1444.9	60
70	-.943	-.945	.995	34.385	27.672	30.068	32.433	37.077	42.73	.032	1445.2	71
80	-1.112	-1.114	.834	34.389	27.682	30.080	32.448	37.097	41.75	.036	1444.6	81
90	-1.134	-1.137	.820	34.409	27.699	30.097	32.465	37.115	40.07	.040	1444.7	91
100	-1.067	-1.070	.895	34.420	27.705	30.102	32.470	37.117	39.47	.044	1445.2	101
125	-1.395	-1.398	.588	34.456	27.745	30.148	32.519	37.176	35.47	.054	1444.1	126
150	-1.184	-1.188	.822	34.522	27.792	30.191	32.559	37.209	31.02	.062	1445.6	151
175	-1.348	-1.352	.678	34.532	27.806	30.207	32.578	37.233	29.55	.069	1445.3	176
200	-1.340	-1.345	.705	34.545	27.816	30.217	32.588	37.242	28.48	.077	1445.8	202
225	-1.575	-1.581	.489	34.553	27.829	30.234	32.609	37.270	26.95	.084	1445.1	227
250	-1.777	-1.783	.307	34.562	27.843	30.250	32.628	37.296	25.43	.090	1444.6	252
275	-1.824	-1.831	.279	34.572	27.852	30.260	32.639	37.308	24.38	.096	1444.8	277
300	-1.853	-1.860	.270	34.583	27.861	30.270	32.649	37.319	23.33	.102	1445.1	302
325	-1.859	-1.867	.284	34.602	27.877	30.286	32.664	37.334	21.72	.109	1445.5	328
350	-1.860	-1.868	.304	34.618	27.890	30.299	32.677	37.347	20.34	.113	1445.9	353
375	-1.871	-1.880	.312	34.631	27.901	30.310	32.689	37.359	19.14	.118	1446.3	378
400	-1.886	-1.895	.317	34.649	27.916	30.325	32.704	37.374	17.57	.123	1446.7	403
425	-1.941	-1.951	.283	34.677	27.940	30.350	32.729	37.401	15.13	.127	1446.9	429
450	-1.958	-1.969	.286	34.695	27.955	30.365	32.745	37.417	13.52	.130	1447.2	454
475	-2.001	-2.012	.263	34.710	27.968	30.379	32.759	37.433	12.09	.134	1447.4	479
500	-1.998	-2.010	.286	34.737	27.990	30.401	32.781	37.454	9.89	.136	1447.9	504
550	-1.957	-1.970	.367	34.770	28.016	30.426	32.806	37.477	7.21	.141	1449.0	555
557	-1.952	-1.966	.378	34.777	28.021	30.431	32.811	37.482	6.69	.141	1449.1	562

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 57.8S	179 30.6E	570	678	989.5	190	11	-10.0	0	6300	0	2350	30JAN78	BI	78	2	144	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.095	-1.095	.786	34.322	27.627	30.025	32.393	37.042	47.24	0.000	1443.3	0
10	-1.091	-1.092	.797	34.325	27.629	30.027	32.395	37.044	47.00	.005	1443.5	10
20	-1.085	-1.085	.812	34.332	27.635	30.033	32.401	37.049	46.40	.009	1443.7	20
30	-1.056	-1.057	.848	34.343	27.643	30.041	32.408	37.055	45.61	.014	1444.0	30
40	-1.006	-1.007	.907	34.363	27.657	30.054	32.420	37.066	44.23	.018	1444.4	40
50	-.993	-.995	.928	34.366	27.659	30.055	32.421	37.067	44.03	.023	1444.7	50
60	-.982	-.983	.947	34.364	27.657	30.053	32.419	37.064	44.22	.027	1444.9	60
70	-.789	-.791	1.149	34.391	27.672	30.065	32.428	37.067	42.82	.032	1446.0	71
80	-1.189	-1.191	.756	34.395	27.690	30.089	32.458	37.109	40.97	.036	1444.3	81
90	-1.484	-1.486	.469	34.402	27.705	30.108	32.482	37.142	39.45	.040	1443.1	91
100	-.967	-.970	.997	34.457	27.732	30.127	32.493	37.137	36.98	.044	1445.7	101
125	-1.382	-1.385	.603	34.486	27.770	30.171	32.543	37.199	33.18	.052	1444.2	126
150	-1.180	-1.184	.826	34.518	27.789	30.187	32.556	37.206	31.33	.061	1445.6	151
175	-1.352	-1.357	.672	34.521	27.797	30.198	32.569	37.225	30.37	.068	1445.3	176
200	-1.414	-1.419	.631	34.539	27.813	30.215	32.587	37.244	28.70	.076	1445.4	202
225	-1.443	-1.448	.623	34.572	27.841	30.244	32.616	37.274	25.91	.082	1445.7	227
250	-1.774	-1.780	.311	34.572	27.851	30.258	32.636	37.303	24.68	.089	1444.6	252
275	-1.822	-1.828	.283	34.580	27.858	30.267	32.645	37.313	23.79	.095	1444.8	277
300	-1.866	-1.873	.258	34.593	27.870	30.279	32.658	37.328	22.47	.101	1445.0	302
325	-1.864	-1.871	.280	34.613	27.886	30.295	32.674	37.344	20.81	.106	1445.5	328
350	-1.871	-1.879	.293	34.633	27.903	30.311	32.690	37.360	19.13	.111	1445.9	353
375	-1.885	-1.894	.299	34.644	27.912	30.321	32.700	37.370	18.10	.116	1446.2	378
400	-1.895	-1.904	.309	34.661	27.926	30.335	32.714	37.385	16.63	.120	1446.6	403
425	-1.928	-1.938	.296	34.679	27.941	30.351	32.731	37.402	14.99	.124	1446.9	429
450	-1.948	-1.959	.296	34.698	27.957	30.368	32.747	37.419	13.30	.127	1447.3	454
475	-1.970	-1.982	.294	34.713	27.970	30.380	32.760	37.433	11.94	.131	1447.6	479
500	-2.001	-2.013	.283	34.737	27.990	30.401	32.781	37.455	9.88	.133	1447.9	504
550	-1.955	-1.968	.370	34.777	28.021	30.432	32.811	37.482	6.72	.138	1449.0	555
556	-1.951	-1.965	.378	34.777	28.021	30.431	32.811	37.482	6.69	.138	1449.1	561

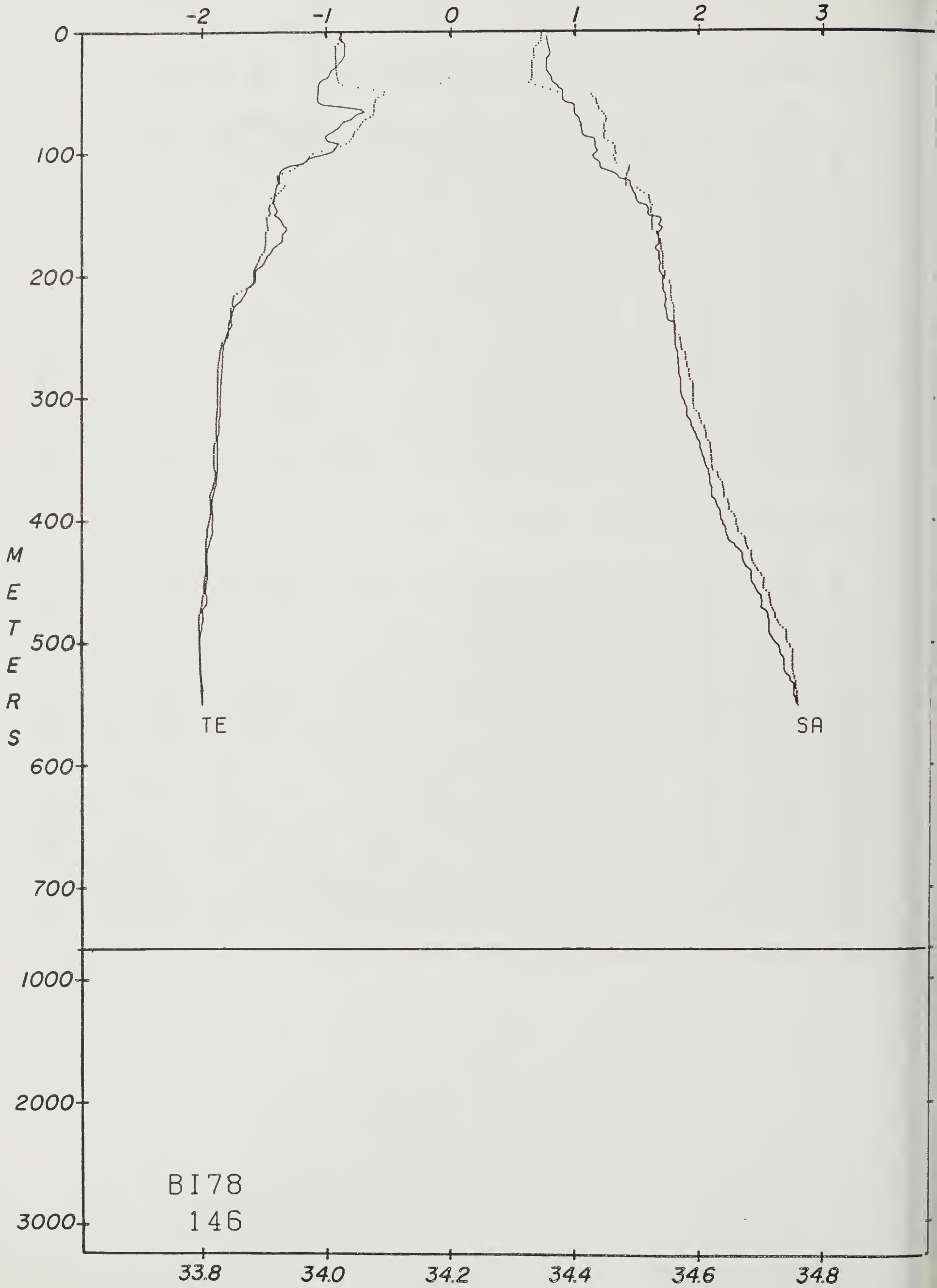


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 57.55	179 30.2E	570	678	989.5	190	11	-10.0	0	6600	0	20	31JAN78	BI	78	1	145

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.076	-1.076	.804	34.321	27.626	30.023	32.391	37.039	47.38	0.000	1443.4	0
10	-1.071	-1.071	.817	34.321	27.626	30.023	32.391	37.039	47.35	.005	1443.6	10
20	-1.047	-1.048	.850	34.339	27.639	30.036	32.404	37.051	46.00	.009	1443.9	20
30	-1.043	-1.044	.862	34.354	27.651	30.048	32.415	37.062	44.87	.014	1444.1	30
40	-1.059	-1.060	.854	34.361	27.658	30.055	32.422	37.070	44.20	.018	1444.2	40
50	-1.072	-1.073	.849	34.365	27.661	30.059	32.426	37.074	43.83	.023	1444.3	50
60	-1.100	-1.102	.828	34.365	27.662	30.060	32.428	37.077	43.68	.027	1444.3	60
70	-1.171	-1.173	.765	34.366	27.666	30.065	32.434	37.084	43.31	.032	1444.2	71
80	-1.440	-1.442	.504	34.380	27.686	30.089	32.462	37.121	41.29	.036	1443.1	81
90	-1.016	-1.018	.939	34.425	27.708	30.104	32.471	37.116	39.25	.040	1445.3	91
100	-1.133	-1.136	.809	34.418	27.707	30.105	32.474	37.123	39.31	.044	1444.8	101
125	-1.293	-1.297	.691	34.481	27.762	30.163	32.533	37.187	33.90	.053	1444.6	126
150	-1.372	-1.376	.633	34.501	27.781	30.183	32.554	37.210	31.97	.061	1444.7	151
175	-1.319	-1.323	.706	34.524	27.798	30.199	32.570	37.224	30.27	.069	1445.4	176
200	-1.503	-1.508	.541	34.525	27.805	30.208	32.582	37.241	29.43	.076	1445.0	202
225	-1.648	-1.653	.416	34.536	27.818	30.224	32.600	37.264	27.95	.084	1444.7	227
250	-1.751	-1.757	.332	34.539	27.823	30.231	32.608	37.275	27.25	.090	1444.6	252
275	-1.826	-1.833	.276	34.553	27.837	30.245	32.624	37.293	25.79	.097	1444.7	277
300	-1.839	-1.846	.284	34.567	27.848	30.257	32.635	37.305	24.60	.103	1445.1	302
325	-1.859	-1.867	.283	34.578	27.858	30.267	32.646	37.316	23.49	.109	1445.4	328
350	-1.876	-1.884	.286	34.595	27.872	30.281	32.660	37.331	22.01	.115	1445.8	353
375	-1.862	-1.890	.300	34.614	27.887	30.297	32.676	37.346	20.42	.120	1446.2	378
400	-1.894	-1.904	.308	34.632	27.902	30.312	32.691	37.362	18.84	.125	1446.6	403
425	-1.921	-1.931	.302	34.656	27.922	30.332	32.712	37.383	16.76	.130	1446.9	429
450	-1.926	-1.936	.317	34.673	27.937	30.346	32.726	37.398	15.29	.134	1447.3	454
475	-1.961	-1.972	.301	34.688	27.949	30.360	32.740	37.412	13.90	.137	1447.6	479
500	-1.992	-2.004	.291	34.714	27.971	30.381	32.762	37.435	11.69	.141	1447.9	504
550	-1.961	-1.975	.362	34.754	28.003	30.413	32.793	37.465	8.41	.146	1448.9	555
553	-1.958	-1.971	.368	34.757	28.005	30.415	32.795	37.467	8.20	.146	1449.0	558

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 57.2S	179 30.0E	570	678	989.5	180	10	-10.0	0	0	0	50	31JAN78	BI	78	2	145

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.943	-.943	.939	34.341	27.637	30.032	32.398	37.042	46.31	0.000	1444.0	0
10	-.855	-.855	1.035	34.349	27.640	30.034	32.398	37.040	45.97	.005	1444.6	10
20	-.864	-.865	1.033	34.352	27.643	30.037	32.402	37.044	45.66	.009	1444.7	20
30	-.929	-.930	.977	34.365	27.656	30.051	32.417	37.060	44.40	.014	1444.6	30
40	-1.009	-1.010	.905	34.372	27.665	30.061	32.427	37.073	43.55	.018	1444.4	40
50	-1.069	-1.070	.853	34.375	27.669	30.066	32.434	37.081	43.07	.022	1444.3	50
60	-1.071	-1.073	.858	34.374	27.668	30.066	32.433	37.081	43.14	.027	1444.5	60
70	-.998	-1.000	.940	34.391	27.680	30.076	32.442	37.087	42.02	.031	1445.0	71
80	-.950	-.952	.997	34.424	27.705	30.100	32.465	37.109	39.62	.035	1445.4	81
90	-1.122	-1.125	.822	34.421	27.709	30.107	32.475	37.123	39.17	.039	1444.8	91
100	-1.093	-1.096	.870	34.429	27.714	30.111	32.479	37.127	38.67	.043	1445.1	101
125	-1.388	-1.391	.597	34.484	27.768	30.170	32.542	37.198	33.32	.052	1444.2	126
150	-1.356	-1.360	.649	34.517	27.794	30.195	32.566	37.222	30.77	.060	1444.8	151
175	-1.393	-1.398	.632	34.530	27.806	30.207	32.579	37.235	29.54	.067	1445.1	176
200	-1.516	-1.521	.529	34.542	27.819	30.223	32.597	37.256	28.07	.075	1444.9	202
225	-1.730	-1.735	.334	34.543	27.826	30.233	32.610	37.277	27.18	.082	1444.3	227
250	-1.799	-1.805	.286	34.569	27.849	30.257	32.635	37.303	24.82	.088	1444.5	252
275	-1.845	-1.852	.259	34.580	27.859	30.268	32.646	37.316	23.70	.094	1444.7	277
300	-1.861	-1.868	.263	34.590	27.867	30.276	32.655	37.325	22.74	.100	1445.0	302
325	-1.872	-1.880	.272	34.608	27.882	30.291	32.670	37.340	21.18	.105	1445.4	328
350	-1.898	-1.906	.266	34.621	27.894	30.303	32.682	37.353	19.95	.111	1445.7	353
375	-1.899	-1.907	.284	34.632	27.902	30.312	32.691	37.362	18.97	.115	1446.2	378
400	-1.914	-1.923	.290	34.657	27.923	30.333	32.712	37.383	16.87	.120	1446.5	403
425	-1.936	-1.946	.288	34.682	27.944	30.354	32.733	37.405	14.76	.124	1446.9	429
450	-1.936	-1.947	.308	34.700	27.958	30.368	32.748	37.419	13.24	.127	1447.3	454
475	-1.973	-1.985	.291	34.722	27.977	30.388	32.768	37.440	11.26	.130	1447.6	479
500	-1.999	-2.011	.286	34.741	27.993	30.404	32.784	37.457	9.58	.133	1447.9	504
550	-1.968	-1.981	.356	34.772	28.018	30.428	32.808	37.479	7.04	.137	1448.9	555
553	-1.963	-1.977	.363	34.772	28.018	30.428	32.808	37.479	7.04	.137	1449.0	558

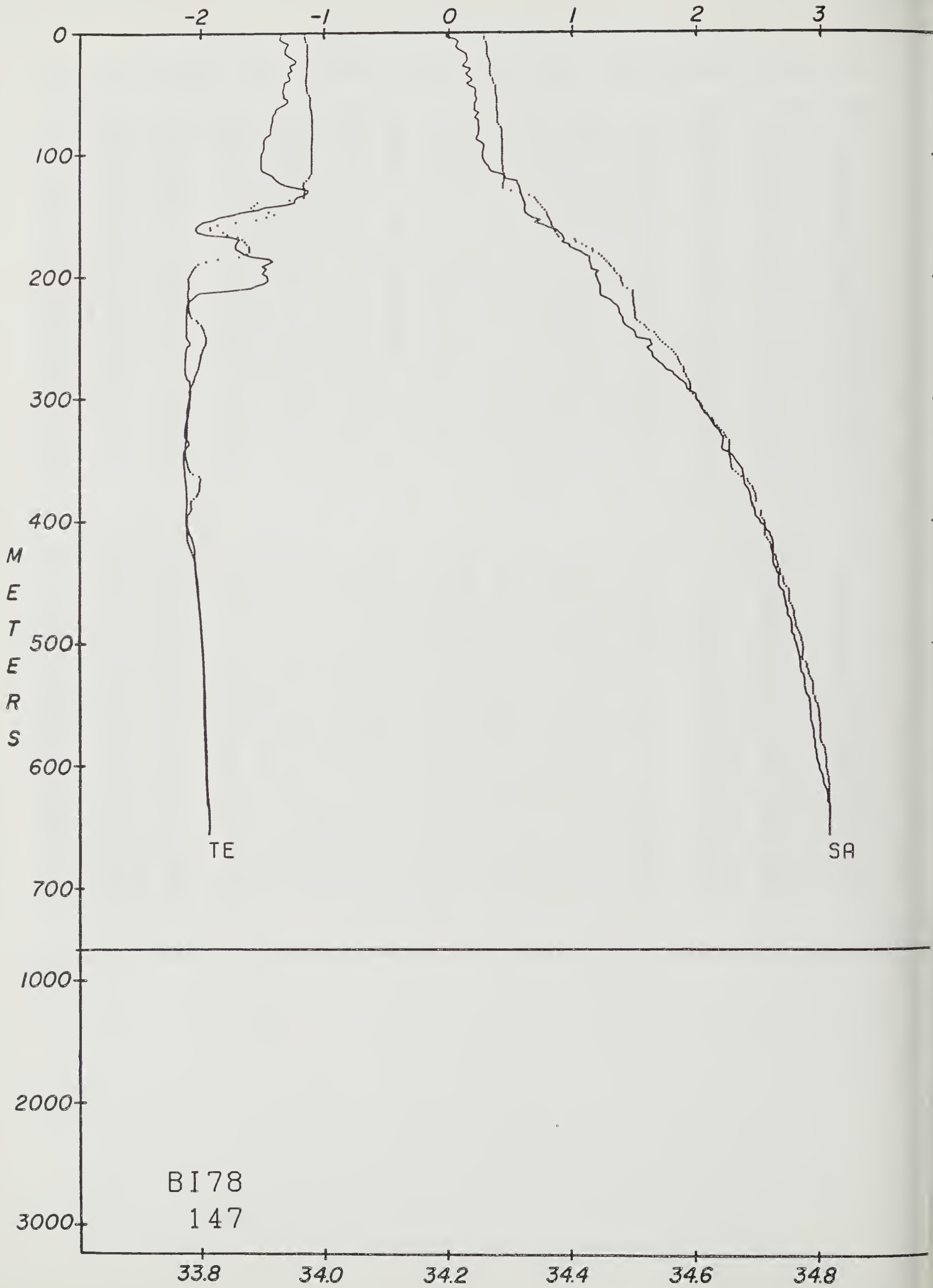


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 57.2S 179 30.0E 570 678 989.5 180 10 -10.0 0 7200 0 51 31JAN78 BI 78 1 146

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .874	- .874	1.009	34.359	27.649	30.043	32.408	37.050	45.18	0.000	1444.4	0
10	- .842	- .842	1.048	34.358	27.647	30.041	32.405	37.046	45.32	.005	1444.7	10
20	- .844	- .845	1.054	34.360	27.648	30.042	32.406	37.048	45.17	.009	1444.8	20
30	- .924	- .925	.981	34.355	27.648	30.043	32.408	37.052	45.17	.014	1444.6	30
40	-1.023	-1.024	.890	34.364	27.659	30.056	32.422	37.069	44.09	.018	1444.3	40
50	-1.056	-1.058	.866	34.382	27.674	30.071	32.439	37.086	42.58	.022	1444.4	50
60	- .996	- .997	.935	34.399	27.686	30.082	32.448	37.093	41.49	.027	1444.9	60
70	- .766	- .768	1.173	34.407	27.683	30.076	32.439	37.077	41.71	.031	1446.1	71
80	- .905	- .907	1.041	34.413	27.694	30.088	32.453	37.096	40.67	.035	1445.6	81
90	- .962	- .964	.994	34.434	27.713	30.108	32.474	37.118	38.79	.039	1445.6	91
100	- .978	- .981	.985	34.435	27.715	30.111	32.476	37.121	38.60	.043	1445.6	101
125	-1.381	-1.384	.604	34.493	27.775	30.177	32.548	37.205	32.67	.052	1444.3	126
150	-1.397	-1.400	.609	34.524	27.801	30.203	32.575	37.231	30.09	.059	1444.6	151
175	-1.385	-1.390	.641	34.536	27.810	30.211	32.583	37.239	29.15	.067	1445.1	176
200	-1.555	-1.560	.490	34.544	27.822	30.226	32.600	37.261	27.81	.074	1444.7	202
225	-1.721	-1.726	.344	34.549	27.830	30.237	32.614	37.280	26.75	.081	1444.4	227
250	-1.789	-1.795	.295	34.565	27.845	30.253	32.631	37.299	25.17	.087	1444.5	252
275	-1.821	-1.827	.283	34.571	27.851	30.260	32.638	37.307	24.46	.093	1444.8	277
300	-1.835	-1.842	.288	34.578	27.857	30.266	32.644	37.313	23.74	.100	1445.1	302
325	-1.846	-1.854	.297	34.594	27.871	30.279	32.658	37.328	22.30	.105	1445.5	328
350	-1.857	-1.865	.306	34.612	27.885	30.294	32.673	37.343	20.77	.111	1445.9	353
375	-1.883	-1.892	.300	34.624	27.895	30.305	32.684	37.354	19.63	.116	1446.2	378
400	-1.898	-1.908	.305	34.641	27.910	30.319	32.698	37.369	18.12	.120	1446.6	403
425	-1.943	-1.953	.281	34.673	27.937	30.346	32.726	37.398	15.41	.125	1446.8	429
450	-1.948	-1.959	.295	34.690	27.951	30.361	32.740	37.412	13.94	.128	1447.3	454
475	-1.975	-1.987	.288	34.715	27.971	30.382	32.762	37.434	11.82	.131	1447.6	479
500	-2.002	-2.014	.282	34.730	27.984	30.395	32.776	37.449	10.41	.134	1447.9	504
550	-1.980	-1.994	.343	34.764	28.011	30.422	32.802	37.474	7.60	.139	1448.9	555

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 57.0S 179 29.6E 570 678 989.2 180 10 -10.3 0 7800 0 127 31JAN78 BI 78 2 146

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .868	- .868	1.014	34.347	27.639	30.033	32.398	37.040	46.12	0.000	1444.4	0
10	- .891	- .891	.999	34.343	27.637	30.031	32.396	37.039	46.31	.005	1444.4	10
20	- .916	- .916	.981	34.335	27.631	30.026	32.392	37.035	46.79	.009	1444.5	20
30	- .910	- .911	.994	34.332	27.629	30.024	32.389	37.032	47.01	.014	1444.7	30
40	- .892	- .893	1.019	34.331	27.627	30.022	32.386	37.029	47.15	.019	1444.9	40
50	- .538	- .540	1.384	34.385	27.656	30.045	32.405	37.036	44.36	.023	1446.8	50
60	- .605	- .607	1.328	34.438	27.702	30.092	32.452	37.086	39.99	.027	1446.7	60
70	- .636	- .638	1.305	34.451	27.714	30.104	32.465	37.099	38.86	.031	1446.8	71
80	- .736	- .738	1.213	34.450	27.717	30.109	32.470	37.108	38.53	.035	1446.5	81
90	- .802	- .805	1.155	34.455	27.724	30.117	32.480	37.119	37.82	.039	1446.3	91
100	-1.089	-1.091	.876	34.469	27.746	30.143	32.510	37.158	35.63	.043	1445.2	101
125	-1.243	-1.246	.642	34.486	27.768	30.170	32.541	37.196	33.30	.051	1444.4	126
150	-1.445	-1.449	.561	34.528	27.805	30.208	32.580	37.238	29.67	.059	1444.4	151
175	-1.476	-1.480	.550	34.542	27.818	30.221	32.594	37.252	28.34	.067	1444.7	176
200	-1.567	-1.572	.479	34.548	27.825	30.230	32.604	37.266	27.45	.073	1444.7	202
225	-1.744	-1.749	.322	34.563	27.842	30.250	32.627	37.293	25.60	.080	1444.3	227
250	-1.778	-1.784	.306	34.573	27.851	30.259	32.637	37.304	24.59	.086	1444.6	252
275	-1.854	-1.860	.251	34.586	27.864	30.272	32.651	37.321	23.25	.092	1444.6	277
300	-1.857	-1.864	.267	34.594	27.870	30.279	32.658	37.328	22.45	.098	1445.1	302
325	-1.867	-1.875	.277	34.613	27.886	30.295	32.674	37.344	20.82	.103	1445.4	328
350	-1.889	-1.897	.275	34.624	27.896	30.305	32.684	37.354	19.76	.109	1445.8	353
375	-1.908	-1.916	.276	34.644	27.912	30.322	32.701	37.373	18.02	.113	1446.1	378
400	-1.926	-1.935	.278	34.664	27.929	30.339	32.718	37.390	16.29	.118	1446.5	403
425	-1.953	-1.963	.272	34.688	27.949	30.359	32.739	37.411	14.22	.121	1446.8	429
450	-1.968	-1.978	.277	34.708	27.966	30.376	32.756	37.429	12.50	.125	1447.2	454
475	-2.004	-2.015	.261	34.726	27.981	30.392	32.773	37.446	10.83	.128	1447.5	479
500	-2.005	-2.017	.280	34.749	28.000	30.411	32.791	37.465	8.92	.130	1447.9	504
547	-1.981	-1.995	.340	34.763	28.011	30.421	32.801	37.474	7.69	.134	1448.8	552



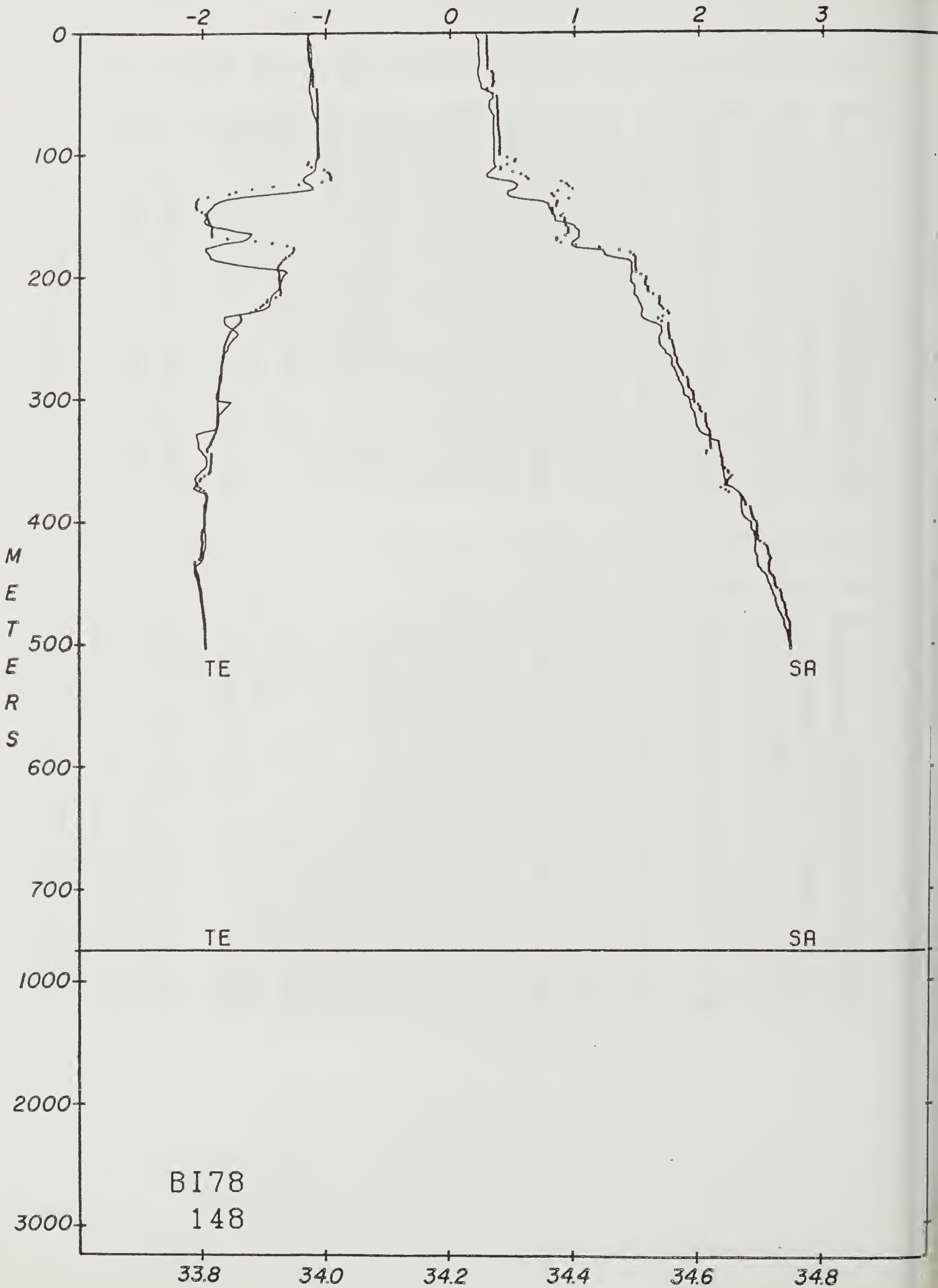
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.9S	179	23.5E	570	682	988.8	180	10	-10.4	0	230	0	219	31JAN78	BI	78 1 147

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.244	-1.344	.530	34.198	27.535	29.938	32.310	36.967	55.97	0.000	1442.0	0
10	-1.281	-1.282	.601	34.215	27.547	29.948	32.320	36.975	54.80	.006	1442.4	10
20	-1.278	-1.279	.612	34.231	27.560	29.961	32.332	36.987	53.54	.011	1442.6	20
30	-1.264	-1.265	.634	34.234	27.561	29.962	32.333	36.988	53.33	.016	1442.9	30
40	-1.282	-1.283	.625	34.237	27.565	29.966	32.337	36.993	52.96	.022	1443.0	40
50	-1.324	-1.326	.590	34.245	27.573	29.975	32.347	37.003	52.14	.027	1442.9	50
60	-1.315	-1.317	.606	34.244	27.571	29.973	32.345	37.001	52.23	.032	1443.1	60
70	-1.409	-1.411	.520	34.246	27.576	29.979	32.352	37.011	51.75	.037	1442.9	71
80	-1.424	-1.426	.513	34.251	27.581	29.984	32.358	37.017	51.23	.042	1443.0	81
90	-1.480	-1.482	.465	34.254	27.584	29.989	32.363	37.024	50.84	.048	1442.9	91
100	-1.498	-1.500	.455	34.257	27.588	29.992	32.367	37.028	50.46	.053	1443.0	101
125	-1.326	-1.329	.649	34.314	27.629	30.030	32.402	37.058	46.51	.065	1444.3	126
150	-1.743	-1.746	.252	34.331	27.654	30.062	32.441	37.109	43.78	.076	1442.7	151
175	-1.703	-1.707	.315	34.399	27.708	30.115	32.492	37.159	38.57	.086	1443.4	176
200	-1.451	-1.456	.588	34.442	27.736	30.139	32.512	37.171	35.95	.096	1445.1	202
225	-2.096	-2.100	.035	34.477	27.781	30.194	32.577	37.256	31.14	.104	1442.5	227
250	-2.098	-2.103	.017	34.512	27.809	30.222	32.605	37.283	28.32	.111	1443.0	252
275	-2.111	-2.117	.008	34.555	27.845	30.257	32.641	37.318	24.82	.118	1443.4	277
300	-2.070	-2.076	.055	34.603	27.883	30.295	32.677	37.354	21.08	.124	1444.1	302
325	-2.111	-2.118	.034	34.638	27.912	30.325	32.707	37.385	18.15	.129	1444.3	328
350	-2.122	-2.129	.044	34.666	27.935	30.348	32.731	37.408	15.81	.133	1444.7	353
375	-2.099	-2.107	.087	34.688	27.952	30.365	32.747	37.424	14.05	.137	1445.3	378
400	-2.100	-2.109	.107	34.706	27.967	30.379	32.761	37.438	12.52	.140	1445.7	403
425	-2.030	-2.040	.196	34.727	27.983	30.394	32.775	37.449	10.98	.143	1446.5	429
450	-2.014	-2.025	.232	34.736	27.990	30.400	32.781	37.455	10.20	.146	1447.0	454
475	-1.988	-2.000	.277	34.750	28.000	30.411	32.791	37.464	9.08	.148	1447.6	479
500	-1.971	-1.983	.315	34.764	28.011	30.421	32.801	37.473	7.94	.150	1448.1	504
550	-1.955	-1.968	.370	34.787	28.029	30.439	32.819	37.490	5.98	.154	1449.0	555
600	-1.939	-1.955	.424	34.801	28.041	30.450	32.830	37.501	4.65	.156	1450.0	605
650	-1.911	-1.928	.492	34.819	28.054	30.464	32.842	37.513	3.14	.158	1450.9	656
654	-1.911	-1.928	.495	34.820	28.055	30.464	32.843	37.513	3.04	.158	1451.0	660

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.5S	179	23.0E	570	682	988.5	190	12	-10.2	0	0	321	31JAN78	BI	78 2 147	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.34	-1.34	0.53	34.198	27.53	29.94				-0.56	0.51	C1	0	147

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.148	-1.148	.729	34.259	27.578	29.977	32.346	36.997	51.90	0.000	1443.0	0
10	-1.129	-1.129	.756	34.263	27.581	29.979	32.348	36.999	51.62	.005	1443.2	10
20	-1.126	-1.127	.766	34.265	27.582	29.991	32.349	37.000	51.44	.010	1443.4	20
30	-1.129	-1.130	.771	34.269	27.586	29.984	32.353	37.003	51.06	.015	1443.6	30
40	-1.135	-1.137	.773	34.274	27.590	29.988	32.357	37.008	50.64	.021	1443.7	40
50	-1.123	-1.125	.793	34.278	27.593	29.991	32.360	37.010	50.28	.026	1443.9	50
60	-1.099	-1.101	.825	34.280	27.593	29.992	32.360	37.009	50.20	.031	1444.2	60
70	-1.085	-1.086	.847	34.281	27.594	29.992	32.360	37.009	50.13	.036	1444.4	71
80	-1.083	-1.085	.856	34.288	27.599	29.997	32.365	37.014	49.56	.041	1444.6	81
90	-1.084	-1.086	.863	34.289	27.600	29.998	32.366	37.015	49.44	.046	1444.8	91
100	-1.089	-1.091	.866	34.289	27.600	29.998	32.367	37.015	49.38	.050	1444.9	101
125	-1.153	-1.156	.821	34.290	27.603	30.002	32.372	37.022	48.96	.063	1445.0	126
150	-1.407	-1.411	.590	34.362	27.670	30.073	32.446	37.104	42.43	.074	1444.4	151
175	-1.602	-1.606	.417	34.422	27.724	30.130	32.505	37.169	37.09	.084	1443.9	176
200	-2.073	-2.077	.032	34.480	27.783	30.196	32.578	37.256	31.13	.093	1442.2	202
225	-2.078	-2.083	.017	34.504	27.803	30.216	32.598	37.276	29.12	.100	1442.6	227
250	-1.936	-1.942	.147	34.543	27.831	30.241	32.621	37.294	26.40	.107	1443.8	252
275	-1.998	-2.004	.106	34.584	27.865	30.277	32.658	37.332	22.95	.113	1444.0	277
300	-2.072	-2.079	.052	34.604	27.884	30.296	32.678	37.354	20.99	.119	1444.0	302
325	-2.093	-2.100	.053	34.642	27.915	30.327	32.709	37.386	17.91	.124	1444.4	328
350	-2.098	-2.106	.068	34.659	27.928	30.341	32.723	37.400	16.45	.128	1444.8	353
375	-1.991	-2.000	.196	34.696	27.956	30.367	32.747	37.421	13.80	.132	1445.8	378
400	-2.091	-2.100	.116	34.713	27.972	30.385	32.767	37.443	12.01	.135	1445.8	403
425	-2.056	-2.066	.170	34.725	27.982	30.393	32.775	37.450	11.02	.138	1446.4	429
450	-2.005	-2.015	.242	34.744	27.996	30.406	32.787	37.460	9.62	.140	1447.1	454
475	-1.985	-1.996	.282	34.761	28.009	30.420	32.799	37.472	8.25	.143	1447.6	479
500	-1.966	-1.978	.320	34.775	28.020	30.430	32.810	37.481	7.14	.145	1448.1	504
550	-1.944	-1.957	.382	34.799	28.039	30.449	32.828	37.499	5.09	.148	1449.1	555
600	-1.927	-1.943	.437	34.814	28.051	30.460	32.839	37.509	3.73	.150	1450.0	605
650	-1.906	-1.923	.497	34.820	28.055	30.464	32.843	37.513	3.09	.152	1451.0	656
657	-1.911	-1.928	.497	34.820	28.055	30.464	32.843	37.513	3.03	.152	1451.1	663

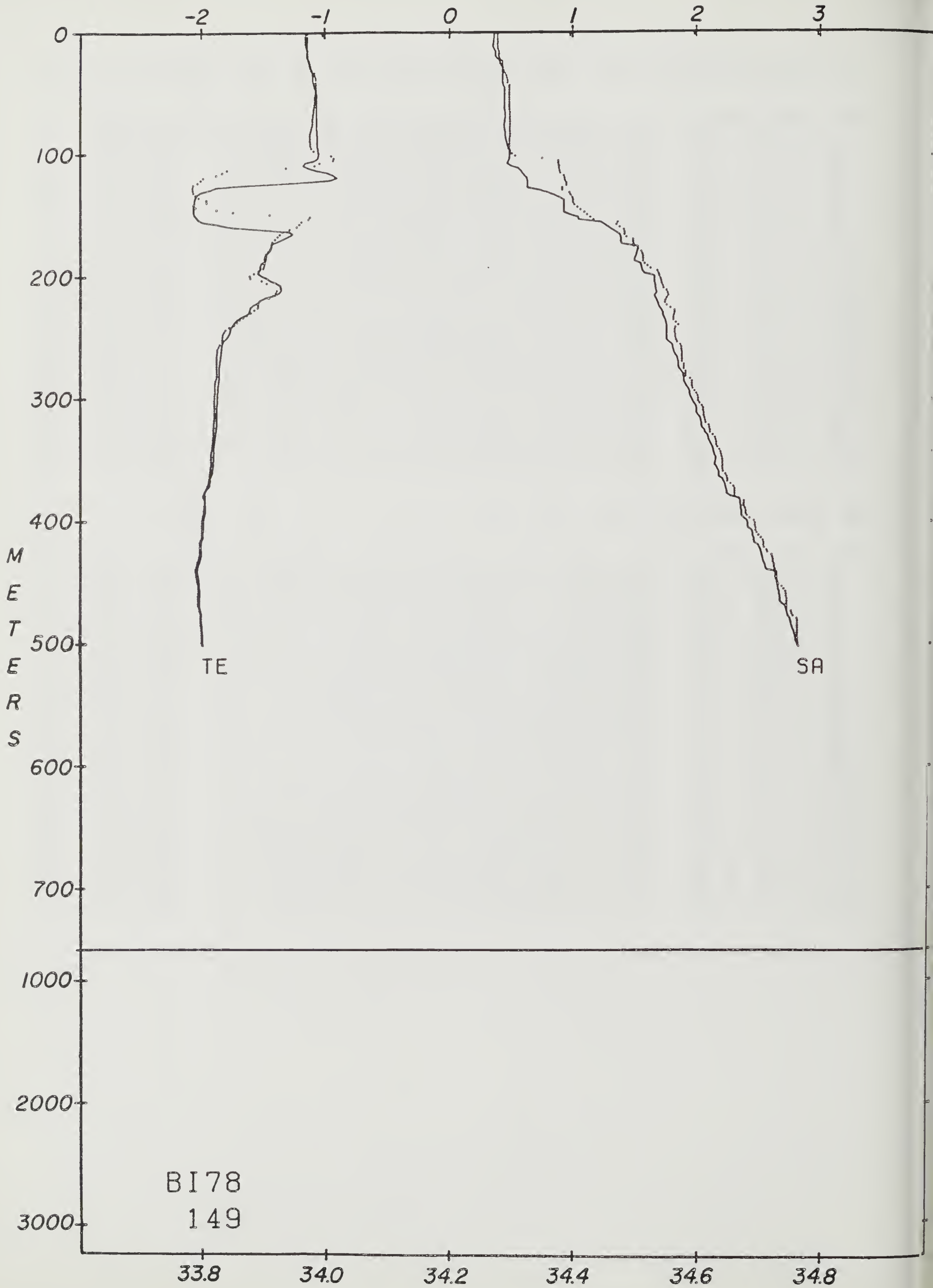


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
78	0.55	179	23.0E	570	682	988.5	190	12	-10.2	0	1200	0	321	31JAN78	BI	78	1	148

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.123	-1.123	.755	34.280	27.594	29.993	32.361	37.011	50.37	0.000	1443.1	0
10	-1.119	-1.120	.764	34.248	27.568	29.967	32.336	36.986	52.79	.005	1443.2	10
20	-1.108	-1.109	.783	34.248	27.568	29.966	32.335	36.985	52.77	.010	1443.5	20
30	-1.110	-1.111	.789	34.248	27.568	29.966	32.335	36.985	52.73	.016	1443.6	30
40	-1.121	-1.122	.786	34.249	27.569	29.968	32.337	36.987	52.55	.021	1443.7	40
50	-1.124	-1.126	.791	34.262	27.580	29.979	32.347	36.998	51.52	.026	1443.9	50
60	-1.104	-1.106	.819	34.265	27.581	29.980	32.348	36.998	51.33	.031	1444.2	60
70	-1.084	-1.086	.847	34.273	27.587	29.955	32.354	37.003	50.72	.036	1444.4	71
80	-1.060	-1.062	.878	34.272	27.586	29.983	32.351	36.999	50.86	.042	1444.7	81
90	-1.060	-1.063	.886	34.273	27.586	29.984	32.352	37.000	50.75	.047	1444.9	91
100	-1.060	-1.063	.894	34.273	27.586	29.984	32.352	37.000	50.70	.052	1445.0	101
125	-1.142	-1.146	.832	34.306	27.616	30.015	32.384	37.034	47.78	.064	1445.1	126
150	-1.958	-1.961	.039	34.368	27.689	30.101	32.482	37.157	40.40	.075	1441.8	151
175	-1.856	-1.859	.162	34.398	27.711	30.121	32.500	37.172	38.21	.085	1442.7	176
200	-1.329	-1.334	.713	34.493	27.774	30.174	32.546	37.200	32.49	.094	1445.7	202
225	-1.455	-1.461	.607	34.510	27.791	30.194	32.567	37.225	30.65	.102	1445.6	227
250	-1.717	-1.723	.366	34.540	27.823	30.230	32.607	37.273	27.33	.109	1444.8	252
275	-1.835	-1.842	.268	34.561	27.843	30.252	32.631	37.300	25.17	.115	1444.7	277
300	-1.880	-1.887	.243	34.584	27.863	30.272	32.651	37.322	23.15	.121	1444.9	302
325	-1.884	-1.891	.260	34.601	27.877	30.286	32.665	37.336	21.66	.127	1445.4	328
350	-1.960	-1.968	.204	34.639	27.910	30.320	32.700	37.373	18.37	.132	1445.5	353
375	-2.049	-2.057	.136	34.660	27.929	30.341	32.722	37.397	16.31	.136	1445.5	378
400	-1.982	-1.991	.223	34.681	27.944	30.354	32.735	37.408	14.82	.140	1446.2	403
425	-1.978	-1.988	.247	34.693	27.954	30.364	32.744	37.417	13.77	.144	1446.7	429
450	-2.033	-2.043	.212	34.714	27.972	30.383	32.764	37.439	11.83	.147	1446.9	454
475	-1.993	-2.005	.272	34.733	27.986	30.397	32.777	37.450	10.38	.150	1447.5	479
500	-1.969	-1.981	.316	34.749	27.999	30.409	32.789	37.461	9.10	.152	1448.1	504
505	-1.969	-1.981	.320	34.751	28.001	30.411	32.791	37.463	8.90	.153	1448.2	509

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
78	0.25	179	22.6E	570	682	988.8	190	14	-10.5	0	0	0	357	31JAN78	BI	78	2	148

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.134	-1.134	.743	34.261	27.579	29.978	32.347	36.998	51.79	0.000	1443.0	0
10	-1.139	-1.139	.746	34.261	27.579	29.978	32.347	36.998	51.73	.005	1443.2	10
20	-1.134	-1.135	.758	34.261	27.579	29.978	32.347	36.998	51.69	.010	1443.4	20
30	-1.118	-1.119	.782	34.262	27.580	29.978	32.347	36.997	51.63	.016	1443.6	30
40	-1.100	-1.101	.808	34.271	27.586	29.985	32.353	37.003	50.93	.021	1443.9	40
50	-1.068	-1.069	.848	34.264	27.579	29.977	32.345	36.993	51.59	.026	1444.2	50
60	-1.060	-1.062	.864	34.278	27.590	29.988	32.356	37.004	50.49	.031	1444.4	60
70	-1.059	-1.061	.872	34.279	27.591	29.989	32.356	37.004	50.37	.036	1444.6	71
80	-1.059	-1.061	.880	34.280	27.592	29.989	32.357	37.006	50.25	.041	1444.7	81
90	-1.059	-1.061	.888	34.282	27.594	29.991	32.359	37.007	50.06	.046	1444.9	91
100	-1.053	-1.056	.901	34.282	27.593	29.991	32.358	37.007	50.04	.051	1445.1	101
125	-1.130	-1.133	.849	34.386	27.680	30.078	32.446	37.096	41.74	.062	1445.3	126
150	-1.969	-1.972	.028	34.369	27.690	30.102	32.483	37.158	40.29	.073	1441.7	151
175	-1.366	-1.370	.652	34.392	27.693	30.095	32.467	37.123	40.20	.083	1445.0	176
200	-1.373	-1.378	.671	34.508	27.787	30.189	32.560	37.216	31.16	.092	1445.6	202
225	-1.516	-1.522	.548	34.540	27.817	30.221	32.594	37.255	28.14	.099	1445.3	227
250	-1.786	-1.792	.298	34.555	27.837	30.245	32.623	37.291	25.94	.106	1444.5	252
275	-1.842	-1.848	.262	34.570	27.851	30.259	32.638	37.308	24.49	.112	1444.7	277
300	-1.869	-1.876	.255	34.594	27.871	30.280	32.659	37.329	22.41	.118	1445.0	302
325	-1.881	-1.888	.264	34.617	27.889	30.298	32.678	37.348	20.50	.123	1445.4	328
350	-1.924	-1.932	.240	34.640	27.909	30.319	32.699	37.370	18.45	.128	1445.6	353
375	-1.999	-2.007	.185	34.640	27.911	30.322	32.703	37.377	18.02	.133	1445.7	378
400	-1.980	-1.989	.225	34.691	27.952	30.363	32.743	37.416	14.03	.137	1446.3	403
425	-2.007	-2.017	.218	34.713	27.971	30.382	32.763	37.436	12.10	.140	1446.6	429
450	-2.028	-2.038	.218	34.724	27.980	30.391	32.772	37.447	11.05	.143	1446.9	454
475	-1.991	-2.002	.275	34.743	27.995	30.405	32.785	37.458	9.60	.146	1447.5	479
500	-1.974	-1.986	.311	34.750	28.000	30.410	32.790	37.462	9.01	.148	1448.0	504
505	-1.969	-1.981	.319	34.750	28.000	30.410	32.790	37.462	8.97	.148	1448.2	509



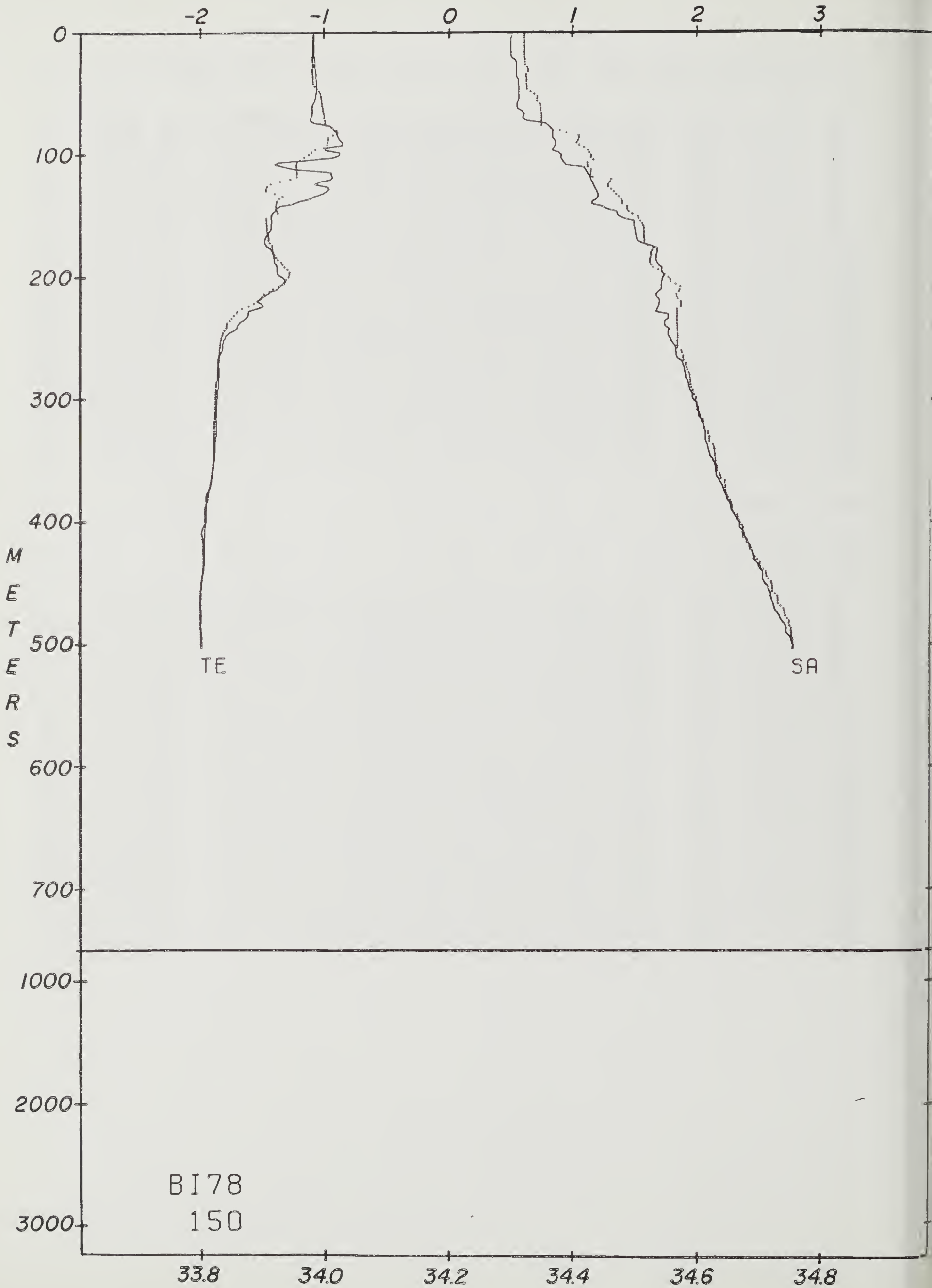
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.25 179 22.6E	570	682	988.8	190	14	-10.5	0	1750	0	359	31JAN78	BI	78	1	149

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.116	-1.116	.762	34.277	27.592	29.990	32.358	37.008	50.62	0.000	1443.1	0
10	-1.123	-1.123	.763	34.275	27.590	29.989	32.357	37.007	50.71	.005	1443.3	10
20	-1.126	-1.126	.768	34.279	27.594	29.992	32.361	37.011	50.32	.010	1443.4	20
30	-1.093	-1.094	.808	34.291	27.602	30.000	32.368	37.017	49.50	.015	1443.7	30
40	-1.076	-1.077	.833	34.291	27.602	29.999	32.367	37.016	49.31	.020	1444.0	40
50	-1.049	-1.050	.868	34.294	27.603	30.000	32.368	37.016	49.34	.025	1444.3	50
60	-1.046	-1.047	.879	34.294	27.603	30.000	32.367	37.015	49.31	.030	1444.5	60
70	-1.046	-1.048	.887	34.295	27.604	30.001	32.368	37.016	49.20	.035	1444.6	71
80	-1.043	-1.047	.895	34.294	27.603	30.000	32.368	37.015	49.23	.040	1444.8	81
90	-1.041	-1.043	.907	34.297	27.605	30.002	32.370	37.017	48.99	.045	1445.0	91
100	-1.031	-1.033	.925	34.302	27.609	30.006	32.373	37.020	48.60	.050	1445.2	101
125	-1.390	-1.393	.586	34.331	27.644	30.047	32.419	37.077	45.01	.061	1444.0	126
150	-2.033	-2.036	-.034	34.400	27.717	30.130	32.512	37.189	37.71	.072	1441.5	151
175	-1.408	-1.413	.615	34.497	27.779	30.181	32.553	37.210	32.05	.080	1445.0	176
200	-1.490	-1.495	.555	34.534	27.812	30.215	32.589	37.248	28.75	.088	1445.0	202
225	-1.569	-1.574	.496	34.544	27.822	30.227	32.601	37.263	27.63	.095	1445.1	227
250	-1.765	-1.771	.319	34.556	27.837	30.245	32.623	37.290	25.93	.102	1444.6	252
275	-1.831	-1.837	.273	34.576	27.855	30.264	32.642	37.312	24.04	.108	1444.7	277
300	-1.847	-1.854	.277	34.596	27.872	30.281	32.659	37.329	22.33	.114	1445.1	302
325	-1.857	-1.864	.287	34.615	27.887	30.296	32.675	37.344	20.73	.119	1445.5	328
350	-1.879	-1.887	.286	34.635	27.904	30.313	32.692	37.362	18.96	.124	1445.8	353
375	-1.941	-1.950	.243	34.653	27.920	30.330	32.710	37.382	17.25	.129	1446.0	378
400	-1.958	-1.967	.247	34.685	27.947	30.357	32.737	37.410	14.56	.133	1446.4	403
425	-1.978	-1.988	.248	34.708	27.966	30.377	32.757	37.430	12.59	.136	1446.7	429
450	-1.998	-2.008	.248	34.735	27.988	30.399	32.779	37.452	10.37	.139	1447.1	454
475	-1.982	-1.994	.283	34.751	28.001	30.411	32.791	37.464	9.05	.141	1447.6	479
500	-1.969	-1.981	.317	34.766	28.013	30.423	32.803	37.475	7.80	.143	1448.1	504
503	-1.965	-1.977	.324	34.769	28.015	30.425	32.805	37.477	7.56	.144	1448.2	507

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.05 179 22.3E	570	682	988.5	190	13	-11.3	0	2100	0	438	31JAN78	BI	78	2	149

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
132	-2.00	-2.00	-0.02	34.367	27.69	30.10				-0.55			0	149

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.136	-1.136	.743	34.283	27.597	29.996	32.364	37.015	50.10	0.000	1443.0	0
10	-1.139	-1.139	.747	34.283	27.597	29.996	32.365	37.015	50.04	.005	1443.2	10
20	-1.121	-1.122	.772	34.285	27.598	29.997	32.365	37.015	49.90	.010	1443.4	20
30	-1.100	-1.101	.802	34.291	27.602	30.000	32.369	37.018	49.47	.015	1443.7	30
40	-1.053	-1.055	.856	34.299	27.607	30.005	32.372	37.020	48.98	.020	1444.1	40
50	-1.056	-1.057	.862	34.302	27.610	30.007	32.375	37.023	48.71	.025	1444.3	50
60	-1.065	-1.066	.860	34.302	27.610	30.008	32.375	37.024	48.63	.030	1444.4	60
70	-1.079	-1.081	.854	34.303	27.611	30.009	32.377	37.026	48.47	.035	1444.5	71
80	-1.090	-1.092	.850	34.303	27.612	30.010	32.378	37.027	48.38	.039	1444.6	81
90	-1.102	-1.104	.846	34.302	27.611	30.010	32.378	37.027	48.38	.044	1444.7	91
100	-1.021	-1.024	.934	34.307	27.612	30.009	32.376	37.023	48.27	.049	1445.3	101
125	-2.026	-2.028	-.046	34.394	27.712	30.124	32.506	37.183	38.37	.060	1441.1	126
150	-1.440	-1.444	.560	34.428	27.724	30.127	32.500	37.158	37.32	.069	1444.3	151
175	-1.411	-1.416	.613	34.503	27.785	30.186	32.559	37.216	31.52	.078	1445.0	176
200	-1.578	-1.583	.467	34.544	27.823	30.227	32.602	37.264	27.69	.085	1444.6	202
225	-1.520	-1.525	.545	34.558	27.832	30.236	32.610	37.270	26.70	.092	1445.4	227
250	-1.806	-1.812	.279	34.570	27.850	30.258	32.636	37.305	24.71	.099	1444.4	252
275	-1.853	-1.859	.252	34.584	27.862	30.271	32.650	37.320	23.35	.105	1444.6	277
300	-1.871	-1.878	.254	34.607	27.881	30.290	32.669	37.339	21.44	.110	1445.0	302
325	-1.879	-1.886	.266	34.625	27.896	30.306	32.685	37.355	19.84	.115	1445.4	328
350	-1.901	-1.909	.264	34.646	27.914	30.323	32.703	37.373	18.04	.120	1445.8	353
375	-1.942	-1.951	.243	34.666	27.931	30.341	32.721	37.393	16.23	.124	1446.0	378
400	-1.972	-1.981	.234	34.696	27.956	30.366	32.747	37.419	13.71	.128	1446.3	403
425	-1.992	-2.002	.234	34.719	27.975	30.385	32.766	37.439	11.75	.131	1446.7	429
450	-2.012	-2.022	.234	34.735	27.989	30.400	32.780	37.454	10.27	.134	1447.0	454
475	-1.989	-2.001	.277	34.758	28.006	30.417	32.797	37.470	8.50	.136	1447.6	479
500	-1.974	-1.987	.311	34.768	28.014	30.424	32.804	37.477	7.64	.138	1448.1	504
502	-1.970	-1.982	.317	34.768	28.014	30.425	32.804	37.477	7.62	.139	1448.1	506

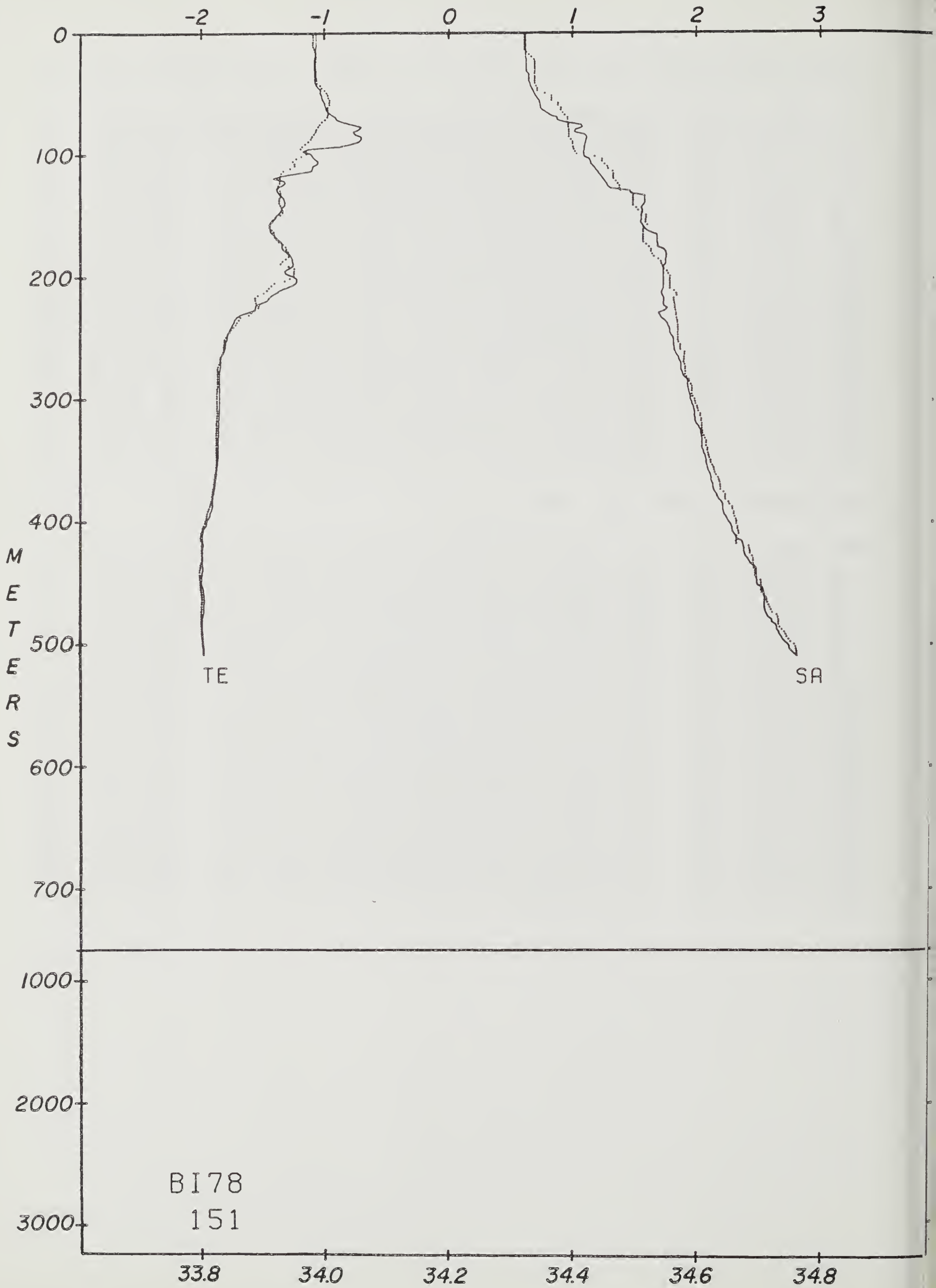


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.8S	179 22.1E	570	682	988.5	190	12	-11.7	0	2750	0	509	31JAN78	BI	78	1	150

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.072	-1.072	.808	34.303	27.611	30.009	32.376	37.024	48.78	0.000	1443.4	0
10	-1.077	-1.077	.810	34.301	27.610	30.007	32.375	37.024	48.87	.005	1443.5	10
20	-1.073	-1.074	.821	34.303	27.611	30.009	32.377	37.025	48.69	.010	1443.7	20
30	-1.065	-1.066	.838	34.310	27.616	30.014	32.382	37.030	48.14	.015	1443.9	30
40	-1.056	-1.057	.854	34.313	27.619	30.016	32.383	37.031	47.90	.019	1444.1	40
50	-1.060	-1.061	.859	34.314	27.619	30.017	32.384	37.032	47.77	.024	1444.3	50
60	-1.089	-1.091	.836	34.311	27.618	30.016	32.384	37.033	47.85	.029	1444.3	60
70	-1.102	-1.104	.832	34.321	27.627	30.025	32.393	37.042	47.00	.034	1444.4	71
80	-.909	-.911	1.035	34.369	27.658	30.053	32.418	37.061	44.02	.038	1445.5	81
90	-.851	-.853	1.101	34.374	27.660	30.054	32.418	37.059	43.62	.043	1446.0	91
100	-.878	-.881	1.082	34.384	27.669	30.063	32.428	37.070	42.94	.047	1446.0	101
125	-1.012	-1.015	.970	34.436	27.716	30.113	32.479	37.125	38.33	.057	1445.9	126
150	-1.417	-1.420	.987	34.478	27.764	30.167	32.539	37.196	33.54	.066	1444.5	151
175	-1.446	-1.451	.979	34.534	27.810	30.213	32.585	37.243	29.08	.074	1444.8	176
200	-1.329	-1.334	.717	34.547	27.818	30.218	32.589	37.243	28.34	.081	1445.8	202
225	-1.510	-1.516	.553	34.539	27.816	30.220	32.593	37.253	28.21	.088	1445.4	227
250	-1.788	-1.794	.296	34.559	27.841	30.248	32.626	37.294	25.60	.095	1444.5	252
275	-1.833	-1.839	.272	34.582	27.860	30.269	32.647	37.317	23.58	.101	1444.7	277
300	-1.850	-1.857	.274	34.597	27.873	30.281	32.660	37.330	22.26	.107	1445.1	302
325	-1.859	-1.866	.286	34.615	27.888	30.297	32.676	37.345	20.67	.112	1445.5	328
350	-1.875	-1.883	.289	34.629	27.899	30.308	32.687	37.358	19.43	.117	1445.9	353
375	-1.924	-1.932	.260	34.647	27.915	30.325	32.705	37.376	17.74	.122	1446.1	378
400	-1.943	-1.953	.261	34.672	27.936	30.346	32.726	37.398	15.62	.126	1446.4	403
425	-1.955	-1.965	.270	34.694	27.954	30.364	32.744	37.416	13.76	.130	1446.8	429
450	-1.979	-1.990	.266	34.714	27.970	30.381	32.761	37.434	12.04	.133	1447.1	454
475	-1.984	-1.996	.280	34.734	27.987	30.398	32.778	37.451	10.29	.136	1447.6	479
500	-1.977	-1.989	.309	34.757	28.006	30.416	32.796	37.469	8.41	.138	1448.0	504
501	-1.977	-1.989	.309	34.758	28.007	30.417	32.797	37.469	8.36	.138	1448.1	505

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.4S	179 21.6E	570	682	988.5	200	13	-11.7	0	0	0	557	31JAN78	BI	78	2	150

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.086	-1.086	.795	34.323	27.628	30.025	32.393	37.042	47.20	0.000	1443.3	0
10	-1.086	-1.086	.803	34.323	27.628	30.025	32.393	37.042	47.16	.005	1443.5	10
20	-1.090	-1.090	.806	34.323	27.628	30.026	32.394	37.043	47.09	.009	1443.6	20
30	-1.092	-1.092	.812	34.329	27.632	30.030	32.398	37.047	46.62	.014	1443.8	30
40	-1.085	-1.086	.826	34.326	27.630	30.028	32.396	37.045	46.81	.019	1444.0	40
50	-1.024	-1.025	.896	34.338	27.638	30.035	32.401	37.048	46.05	.023	1444.5	50
60	-1.007	-1.009	.920	34.349	27.646	30.042	32.409	37.055	45.25	.028	1444.7	60
70	-.988	-.990	.947	34.351	27.647	30.043	32.409	37.055	45.12	.033	1445.0	71
80	-.897	-.900	1.047	34.381	27.667	30.062	32.427	37.069	43.17	.037	1445.6	81
90	-.965	-.967	.989	34.409	27.693	30.088	32.454	37.098	40.70	.041	1445.5	91
100	-1.118	-1.121	.845	34.431	27.716	30.114	32.482	37.131	38.44	.045	1445.0	101
125	-1.440	-1.443	.544	34.459	27.750	30.152	32.525	37.184	35.03	.054	1443.9	126
150	-1.414	-1.418	.591	34.505	27.786	30.188	32.560	37.217	31.49	.063	1444.5	151
175	-1.411	-1.415	.614	34.527	27.804	30.206	32.578	37.235	29.70	.070	1445.0	176
200	-1.277	-1.283	.769	34.557	27.824	30.223	32.593	37.246	27.80	.077	1446.1	202
225	-1.627	-1.633	.439	34.574	27.848	30.253	32.628	37.292	25.17	.084	1444.9	227
250	-1.817	-1.823	.268	34.571	27.851	30.259	32.637	37.306	24.62	.090	1444.4	252
275	-1.847	-1.854	.257	34.587	27.864	30.273	32.652	37.321	23.18	.096	1444.7	277
300	-1.865	-1.872	.260	34.601	27.877	30.285	32.665	37.335	21.86	.102	1445.0	302
325	-1.875	-1.883	.269	34.617	27.890	30.299	32.678	37.348	20.45	.107	1445.4	328
350	-1.878	-1.887	.286	34.633	27.903	30.312	32.691	37.361	19.11	.112	1445.8	353
375	-1.918	-1.926	.266	34.649	27.917	30.327	32.706	37.378	17.58	.117	1446.1	378
400	-1.951	-1.960	.254	34.673	27.937	30.347	32.727	37.399	15.51	.121	1446.4	403
425	-1.965	-1.975	.260	34.694	27.954	30.365	32.745	37.417	13.71	.124	1446.8	429
450	-1.979	-1.990	.266	34.724	27.979	30.389	32.769	37.442	11.26	.128	1447.2	454
475	-1.987	-1.999	.278	34.745	27.997	30.407	32.787	37.460	9.43	.130	1447.6	479
500	-1.982	-1.994	.303	34.758	28.007	30.417	32.797	37.470	8.32	.132	1448.0	504
503	-1.978	-1.990	.310	34.758	28.007	30.417	32.797	37.469	8.34	.133	1448.1	507

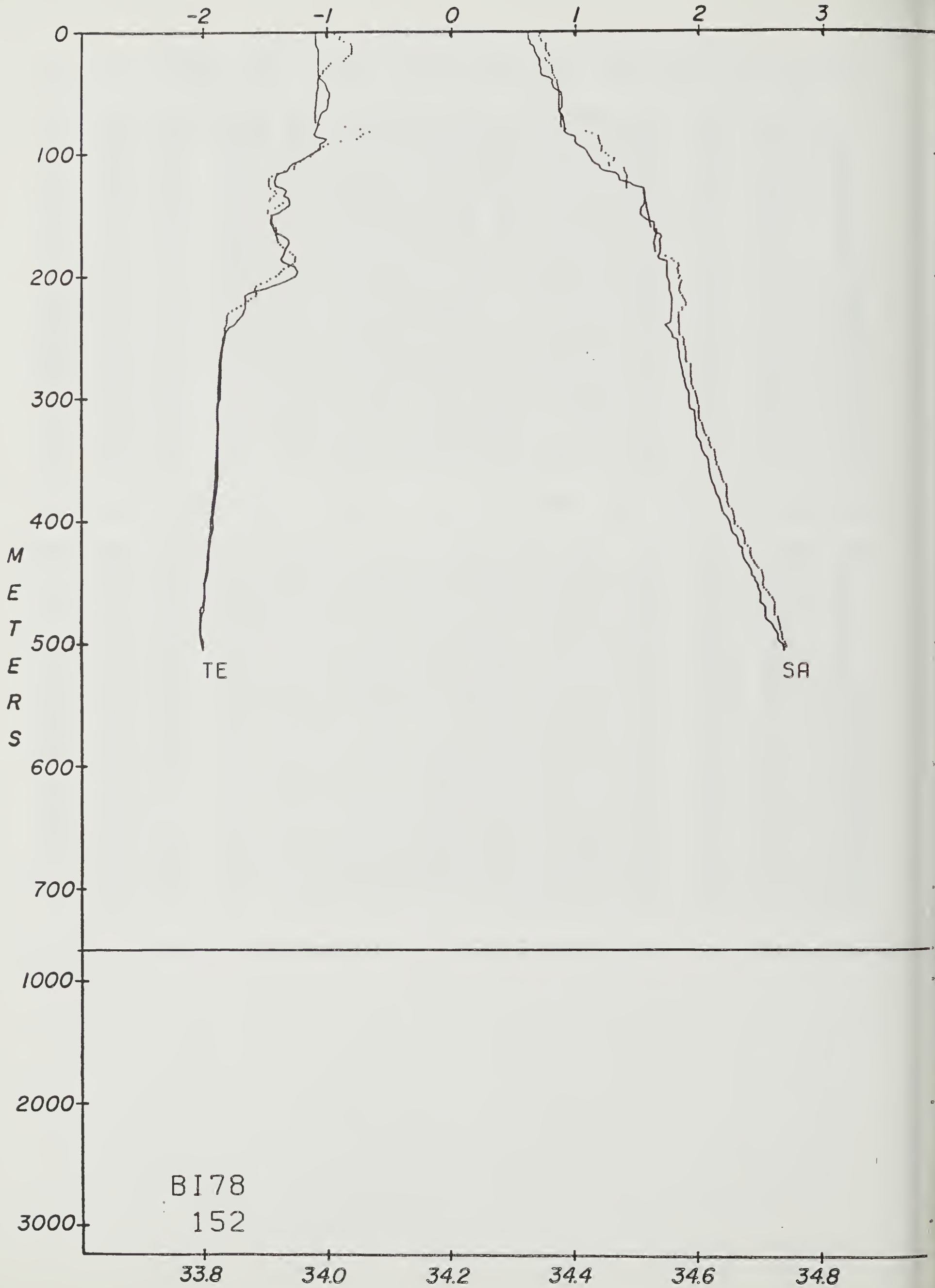


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.4S	179 21.6E	570	682	988.5	200	13	-11.7	0	3200	0	559	31JAN78	BI	78	1	151

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.063	-1.063	.818	34.325	27.629	30.026	32.393	37.041	47.12	0.000	1443.4	0
10	-1.062	-1.063	.826	34.325	27.628	30.026	32.393	37.041	47.08	.005	1443.6	10
20	-1.070	-1.071	.826	34.325	27.629	30.026	32.394	37.042	47.01	.009	1443.7	20
30	-1.077	-1.078	.826	34.326	27.630	30.027	32.395	37.044	46.97	.014	1443.9	30
40	-1.072	-1.073	.840	34.331	27.633	30.031	32.398	37.047	46.50	.019	1444.1	40
50	-1.027	-1.028	.893	34.339	27.639	30.035	32.402	37.049	45.98	.023	1444.5	50
60	-.989	-.991	.939	34.349	27.645	30.041	32.408	37.053	45.34	.028	1444.8	60
70	-.908	-.910	1.028	34.373	27.662	30.056	32.421	37.064	43.75	.032	1445.4	71
80	-.719	-.722	1.227	34.410	27.684	30.076	32.438	37.075	41.64	.037	1446.5	81
90	-.726	-.728	1.229	34.422	27.694	30.086	32.448	37.085	40.66	.041	1446.6	91
100	-1.111	-1.114	.851	34.419	27.706	30.104	32.472	37.121	39.35	.045	1445.0	101
125	-1.325	-1.328	.658	34.457	27.745	30.145	32.517	37.171	35.57	.054	1444.5	126
150	-1.377	-1.381	.628	34.512	27.790	30.192	32.564	37.220	31.09	.063	1444.7	151
175	-1.334	-1.338	.692	34.539	27.811	30.212	32.583	37.237	29.04	.070	1445.4	176
200	-1.257	-1.262	.788	34.548	27.816	30.215	32.585	37.237	28.55	.077	1446.2	202
225	-1.548	-1.554	.516	34.552	27.828	30.232	32.606	37.267	27.12	.084	1445.2	227
250	-1.779	-1.785	.306	34.564	27.844	30.252	32.629	37.297	25.30	.091	1444.6	252
275	-1.832	-1.839	.272	34.577	27.856	30.265	32.643	37.312	23.97	.097	1444.7	277
300	-1.840	-1.847	.284	34.592	27.869	30.278	32.656	37.325	22.62	.103	1445.1	302
325	-1.847	-1.853	.297	34.608	27.881	30.290	32.669	37.338	21.29	.108	1445.5	328
350	-1.853	-1.861	.310	34.618	27.890	30.299	32.677	37.347	20.34	.113	1445.9	353
375	-1.883	-1.891	.300	34.631	27.901	30.311	32.690	37.360	19.09	.118	1446.2	378
400	-1.939	-1.949	.264	34.654	27.921	30.331	32.711	37.383	17.01	.123	1446.4	403
425	-1.983	-1.993	.241	34.680	27.943	30.354	32.734	37.407	14.75	.127	1446.7	429
450	-1.987	-1.998	.257	34.700	27.960	30.370	32.751	37.424	13.03	.130	1447.1	454
475	-1.968	-1.980	.296	34.715	27.971	30.381	32.762	37.434	11.82	.133	1447.6	479
500	-1.976	-1.988	.309	34.749	27.999	30.409	32.789	37.462	9.07	.136	1448.0	504
510	-1.967	-1.980	.326	34.765	28.012	30.422	32.802	37.474	7.81	.137	1448.3	514

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.2S	179 21.4E	570	682	988.5	190	13	-11.9	0	3600	0	629	31JAN78	BI	78	2	151

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.091	-1.091	.790	34.323	27.628	30.026	32.394	37.042	47.18	0.000	1443.3	0
10	-1.091	-1.091	.798	34.323	27.628	30.026	32.393	37.042	47.14	.005	1443.5	10
20	-1.065	-1.065	.832	34.335	27.636	30.034	32.401	37.049	46.30	.009	1443.8	20
30	-1.068	-1.068	.837	34.340	27.641	30.038	32.406	37.054	45.83	.014	1443.9	30
40	-1.057	-1.058	.855	34.340	27.640	30.038	32.405	37.053	45.83	.019	1444.2	40
50	-.978	-.979	.943	34.353	27.648	30.045	32.410	37.056	45.05	.023	1444.7	50
60	-.955	-.957	.974	34.378	27.667	30.063	32.429	37.073	43.22	.028	1445.0	60
70	-.974	-.976	.964	34.392	27.680	30.076	32.441	37.086	42.02	.032	1445.1	71
80	-1.058	-1.060	.888	34.395	27.685	30.082	32.449	37.097	41.46	.036	1444.9	81
90	-1.126	-1.129	.827	34.401	27.692	30.090	32.458	37.107	40.75	.040	1444.7	91
100	-1.149	-1.152	.813	34.414	27.703	30.102	32.470	37.120	39.63	.044	1444.8	101
125	-1.363	-1.366	.622	34.476	27.761	30.162	32.534	37.189	34.02	.053	1444.3	126
150	-1.351	-1.355	.654	34.518	27.795	30.196	32.567	37.222	30.69	.061	1444.8	151
175	-1.314	-1.319	.711	34.522	27.797	30.197	32.568	37.222	30.40	.069	1445.4	176
200	-1.245	-1.250	.801	34.559	27.824	30.223	32.593	37.244	27.79	.076	1446.2	202
225	-1.525	-1.531	.540	34.567	27.840	30.243	32.617	37.277	26.01	.083	1445.3	227
250	-1.788	-1.794	.297	34.572	27.851	30.259	32.636	37.304	24.63	.089	1444.5	252
275	-1.856	-1.862	.249	34.584	27.862	30.271	32.650	37.320	23.36	.095	1444.6	277
300	-1.863	-1.870	.261	34.599	27.875	30.284	32.663	37.333	22.02	.101	1445.0	302
325	-1.866	-1.874	.278	34.611	27.885	30.294	32.673	37.343	20.95	.106	1445.5	328
350	-1.864	-1.872	.300	34.625	27.896	30.305	32.684	37.353	19.76	.111	1445.9	353
375	-1.893	-1.902	.290	34.643	27.911	30.321	32.700	37.371	18.12	.116	1446.2	378
400	-1.955	-1.964	.249	34.667	27.932	30.342	32.722	37.395	15.96	.120	1446.4	403
425	-1.985	-1.995	.239	34.689	27.951	30.361	32.742	37.415	14.02	.124	1446.7	429
450	-1.998	-2.009	.246	34.707	27.966	30.376	32.757	37.430	12.47	.128	1447.0	454
475	-1.991	-2.002	.274	34.729	27.983	30.394	32.774	37.447	10.70	.130	1447.5	479
500	-1.975	-1.987	.310	34.759	28.007	30.417	32.797	37.470	8.31	.133	1448.1	504
508	-1.969	-1.982	.323	34.764	28.011	30.421	32.801	37.473	7.89	.133	1448.2	512

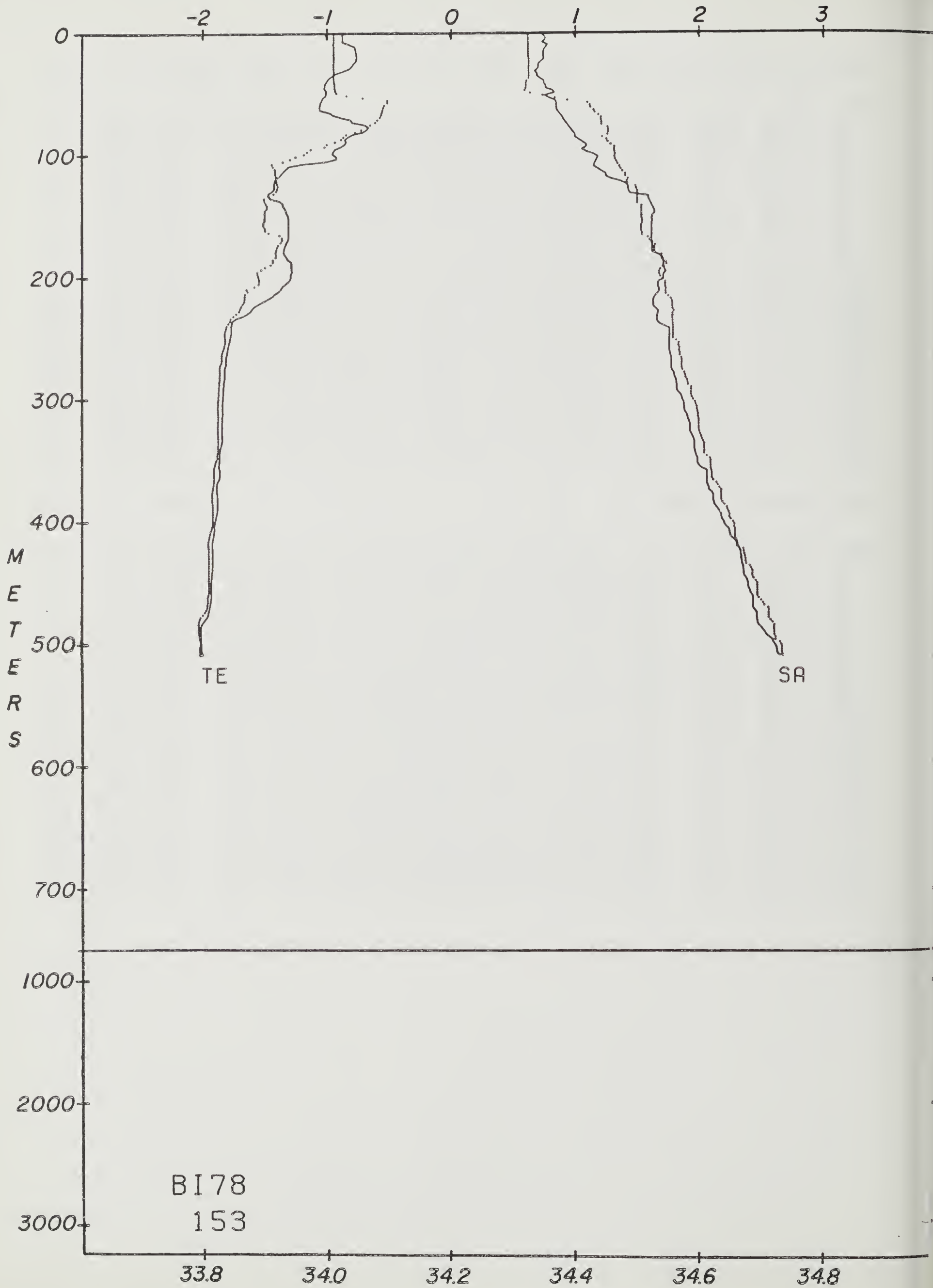


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.2S	179 21.4E	570	682	988.5	190	13	-11.9	0	0	0	0	630	31JAN78	BI	78	1	152

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.080	-1.080	.801	34.327	27.631	30.028	32.396	37.045	46.91	0.000	1443.4	0
10	-1.078	-1.079	.810	34.330	27.633	30.031	32.398	37.047	46.63	.005	1443.5	10
20	-1.059	-1.059	.838	34.341	27.641	30.038	32.406	37.053	45.85	.009	1443.8	20
30	-1.059	-1.059	.846	34.347	27.646	30.043	32.411	37.058	45.36	.014	1444.0	30
40	-1.023	-1.024	.891	34.365	27.660	30.056	32.423	37.070	44.03	.018	1444.3	40
50	-.970	-.971	.952	34.380	27.669	30.065	32.431	37.076	43.08	.023	1444.8	50
60	-.983	-.985	.947	34.381	27.671	30.067	32.433	37.078	42.88	.027	1444.9	60
70	-1.045	-1.047	.892	34.383	27.674	30.071	32.438	37.086	42.50	.031	1444.8	71
80	-1.075	-1.077	.870	34.385	27.677	30.075	32.442	37.090	42.17	.035	1444.8	81
90	-1.011	-1.014	.942	34.402	27.689	30.086	32.452	37.098	41.03	.040	1445.3	91
100	-1.110	-1.113	.852	34.423	27.709	30.107	32.475	37.123	39.08	.044	1445.0	101
125	-1.395	-1.399	.590	34.495	27.777	30.179	32.551	37.208	32.44	.053	1444.2	126
150	-1.412	-1.416	.593	34.510	27.790	30.192	32.564	37.221	31.16	.061	1444.5	151
175	-1.300	-1.305	.726	34.541	27.811	30.211	32.582	37.235	29.03	.068	1445.5	176
200	-1.243	-1.249	.802	34.552	27.819	30.218	32.587	37.239	28.27	.075	1446.2	202
225	-1.635	-1.641	.430	34.560	27.837	30.243	32.618	37.282	26.18	.082	1444.8	227
250	-1.813	-1.819	.271	34.563	27.844	30.253	32.631	37.299	25.24	.088	1444.4	252
275	-1.823	-1.839	.271	34.576	27.856	30.264	32.643	37.312	24.02	.095	1444.7	277
300	-1.841	-1.848	.283	34.588	27.865	30.274	32.652	37.322	22.96	.100	1445.1	302
325	-1.857	-1.864	.287	34.599	27.875	30.283	32.662	37.332	21.91	.106	1445.5	328
350	-1.860	-1.868	.304	34.619	27.891	30.299	32.678	37.348	20.27	.111	1445.9	353
375	-1.871	-1.880	.312	34.630	27.900	30.309	32.688	37.358	19.19	.116	1446.3	378
400	-1.901	-1.911	.302	34.653	27.919	30.329	32.708	37.379	17.24	.121	1446.6	403
425	-1.936	-1.946	.287	34.674	27.937	30.348	32.727	37.399	15.35	.125	1446.9	429
450	-1.971	-1.982	.273	34.697	27.957	30.367	32.747	37.420	13.35	.129	1447.2	454
475	-1.992	-2.003	.272	34.711	27.969	30.379	32.760	37.433	12.03	.132	1447.5	479
500	-1.994	-2.006	.290	34.738	27.991	30.401	32.782	37.455	9.83	.134	1447.9	504
505	-1.984	-1.996	.304	34.741	27.993	30.403	32.784	37.456	9.60	.135	1448.1	509

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.0S	179 21.1E	570	682	988.2	180	14	-12.2	0	0	0	0	704	31JAN78	BI	78	2	152

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.931	-.931	.951	34.346	27.641	30.036	32.401	37.045	45.97	0.000	1444.1	0
10	-.800	-.801	1.090	34.353	27.641	30.035	32.398	37.038	45.88	.005	1444.9	10
20	-.810	-.810	1.088	34.358	27.646	30.039	32.403	37.043	45.41	.009	1445.0	20
30	-.995	-.996	.911	34.365	27.659	30.055	32.421	37.067	44.15	.014	1444.3	30
40	-1.060	-1.061	.854	34.372	27.667	30.064	32.431	37.078	43.36	.018	1444.2	40
50	-1.070	-1.071	.852	34.376	27.670	30.067	32.435	37.082	42.99	.022	1444.3	50
60	-1.078	-1.080	.851	34.376	27.670	30.068	32.435	37.083	42.92	.027	1444.4	60
70	-1.086	-1.088	.851	34.379	27.673	30.071	32.438	37.086	42.63	.031	1444.6	71
80	-.717	-.719	1.229	34.394	27.671	30.063	32.425	37.062	42.84	.035	1446.5	81
90	-.866	-.869	1.089	34.442	27.716	30.109	32.474	37.115	38.58	.039	1446.0	91
100	-1.102	-1.105	.862	34.452	27.733	30.130	32.498	37.146	36.87	.043	1445.1	101
125	-1.449	-1.452	.536	34.486	27.772	30.174	32.547	37.205	32.96	.052	1443.9	126
150	-1.433	-1.437	.573	34.522	27.800	30.203	32.575	37.232	30.16	.060	1444.5	151
175	-1.342	-1.346	.684	34.531	27.805	30.206	32.577	37.231	29.63	.067	1445.3	176
200	-1.392	-1.398	.655	34.572	27.839	30.241	32.613	37.268	26.24	.074	1445.6	202
225	-1.688	-1.694	.378	34.580	27.855	30.261	32.637	37.302	24.48	.080	1444.6	227
250	-1.801	-1.807	.284	34.577	27.856	30.264	32.642	37.310	24.18	.087	1444.5	252
275	-1.845	-1.852	.260	34.591	27.868	30.276	32.655	37.325	22.86	.092	1444.7	277
300	-1.856	-1.863	.268	34.601	27.876	30.285	32.664	37.334	21.91	.098	1445.1	302
325	-1.861	-1.869	.283	34.611	27.885	30.294	32.673	37.342	20.96	.103	1445.5	328
350	-1.872	-1.880	.292	34.632	27.901	30.310	32.689	37.359	19.24	.108	1445.9	353
375	-1.888	-1.897	.296	34.649	27.916	30.325	32.704	37.375	17.71	.113	1446.2	378
400	-1.920	-1.930	.284	34.662	27.927	30.337	32.716	37.387	16.49	.117	1446.5	403
425	-1.942	-1.952	.282	34.687	27.948	30.358	32.738	37.410	14.33	.121	1446.9	429
450	-1.973	-1.984	.272	34.707	27.965	30.376	32.756	37.429	12.52	.124	1447.2	454
475	-2.006	-2.017	.259	34.726	27.981	30.392	32.773	37.446	10.62	.127	1447.4	479
500	-1.984	-1.996	.301	34.743	27.995	30.405	32.785	37.458	9.45	.130	1448.0	504
502	-1.984	-1.996	.302	34.745	27.996	30.406	32.787	37.459	9.32	.130	1448.0	506



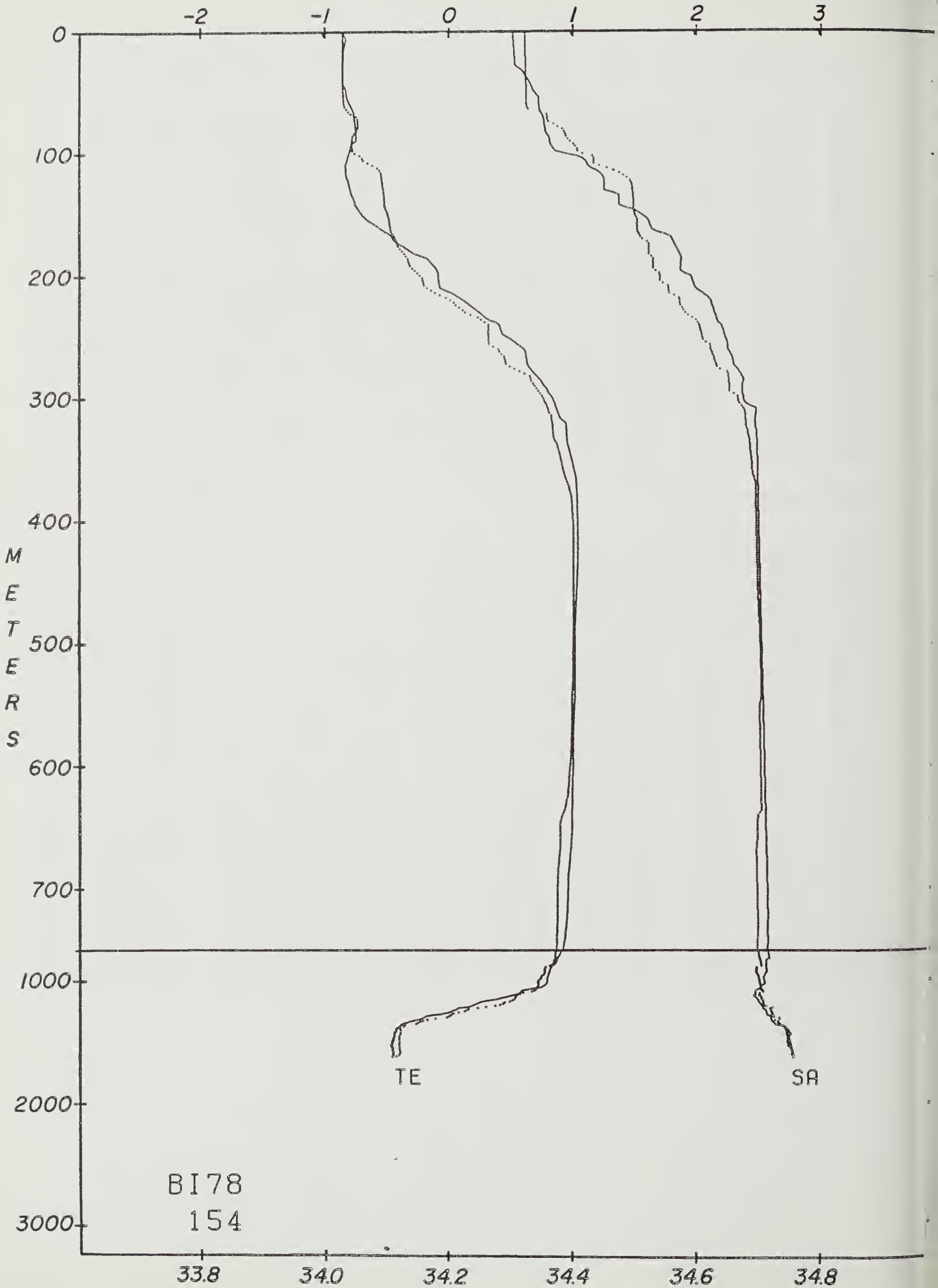
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 59.0S	179 21.2E	570	682	998.2	180	14	-12.2	0	4000	0	705	31JAN78	BI	78	1	153

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.859	-1.859	1.023	34.350	27.641	30.035	32.399	37.041	45.92	0.000	1444.4	0
10	-1.816	-1.817	1.074	34.356	27.645	30.038	32.402	37.042	45.55	.005	1444.8	10
20	-1.754	-1.754	1.144	34.350	27.637	30.030	32.392	37.031	46.25	.009	1445.3	20
30	-1.820	-1.821	1.084	34.340	27.632	30.025	32.389	37.030	46.71	.014	1445.1	30
40	-1.999	-1.000	.914	34.350	27.646	30.043	32.409	37.055	45.29	.018	1444.4	40
50	-1.004	-1.005	.917	34.362	27.657	30.053	32.419	37.065	44.27	.023	1444.6	50
60	-1.055	-1.056	.874	34.371	27.665	30.062	32.430	37.077	43.39	.027	1444.5	60
70	-1.876	-1.878	1.061	34.381	27.667	30.061	32.425	37.067	43.28	.032	1445.6	71
80	-1.677	-1.679	1.269	34.395	27.670	30.061	32.423	37.058	42.97	.036	1446.7	81
90	-1.844	-1.847	1.110	34.413	27.692	30.085	32.449	37.090	40.86	.040	1446.1	91
100	-1.948	-1.951	1.015	34.431	27.710	30.105	32.471	37.114	39.05	.044	1445.8	101
125	-1.420	-1.423	.565	34.485	27.770	30.173	32.545	37.202	33.10	.053	1444.1	126
150	-1.309	-1.313	.697	34.527	27.801	30.201	32.572	37.225	30.14	.061	1445.1	151
175	-1.333	-1.338	.692	34.526	27.800	30.201	32.572	37.226	30.06	.069	1445.4	176
200	-1.288	-1.293	.757	34.544	27.814	30.214	32.584	37.237	28.74	.076	1446.0	202
225	-1.585	-1.591	.478	34.530	27.811	30.216	32.591	37.253	28.65	.083	1445.0	227
250	-1.771	-1.777	.313	34.554	27.836	30.243	32.621	37.289	26.06	.090	1444.6	252
275	-1.815	-1.821	.288	34.558	27.840	30.248	32.626	37.295	25.51	.096	1444.8	277
300	-1.831	-1.838	.292	34.575	27.854	30.263	32.642	37.311	23.98	.103	1445.2	302
325	-1.837	-1.845	.305	34.587	27.864	30.273	32.651	37.321	22.89	.108	1445.6	328
350	-1.858	-1.866	.305	34.599	27.875	30.283	32.662	37.332	21.77	.114	1445.9	353
375	-1.879	-1.888	.303	34.620	27.892	30.301	32.680	37.350	19.99	.119	1446.2	378
400	-1.894	-1.904	.308	34.641	27.909	30.319	32.698	37.369	18.16	.124	1446.6	403
425	-1.917	-1.927	.306	34.668	27.932	30.342	32.721	37.393	15.86	.128	1447.0	429
450	-1.926	-1.937	.317	34.680	27.942	30.351	32.731	37.402	14.81	.132	1447.3	454
475	-1.951	-1.963	.311	34.694	27.954	30.364	32.744	37.416	13.48	.136	1447.7	479
500	-2.008	-2.020	.275	34.722	27.978	30.389	32.770	37.443	10.96	.139	1447.8	504
509	-1.997	-2.009	.294	34.731	27.985	30.396	32.776	37.449	10.29	.140	1448.1	513

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 58.6S	179 20.8E	570	682	987.8	190	10	-12.2	0	4600	0	754	31JAN78	BI	78	2	153

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
297	-1.86	-1.87	0.26	34.578	27.86	30.27		68					0	153
346	-1.88	-1.89	0.28	34.602	27.88	30.29		68					0	153
396	-1.90	-1.91	0.30	34.640	27.91	30.32		69					0	153
446	-1.94	-1.95	0.30	34.678	27.94	30.35		71					0	153
496	-2.00	-2.01	0.28	34.723	27.98	30.39		72					0	153

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.940	-1.940	.941	34.326	27.625	30.020	32.386	37.030	47.47	0.000	1444.0	0
10	-1.943	-1.943	.945	34.326	27.625	30.020	32.386	37.030	47.42	.005	1444.2	10
20	-1.940	-1.940	.956	34.326	27.625	30.020	32.386	37.030	47.39	.009	1444.4	20
30	-1.941	-1.941	.963	34.327	27.626	30.021	32.387	37.031	47.28	.014	1444.5	30
40	-1.938	-1.939	.974	34.324	27.623	30.019	32.384	37.029	47.47	.019	1444.7	40
50	-1.901	-1.902	1.018	34.330	27.626	30.021	32.386	37.029	47.16	.024	1445.0	50
60	-1.531	-1.533	1.401	34.425	27.688	30.077	32.436	37.067	41.32	.028	1447.0	60
70	-1.568	-1.571	1.372	34.443	27.704	30.094	32.453	37.085	39.77	.032	1447.1	71
80	-1.710	-1.712	1.239	34.455	27.720	30.112	32.473	37.109	38.23	.036	1446.6	81
90	-1.931	-1.933	1.026	34.454	27.728	30.123	32.488	37.131	37.37	.040	1445.7	91
100	-1.188	-1.191	.777	34.466	27.747	30.146	32.515	37.165	35.49	.043	1444.7	101
125	-1.392	-1.395	.593	34.491	27.774	30.176	32.548	37.204	32.77	.052	1444.2	126
150	-1.494	-1.498	.511	34.509	27.792	30.195	32.568	37.228	30.93	.060	1444.2	151
175	-1.392	-1.397	.633	34.531	27.806	30.208	32.579	37.236	29.50	.068	1445.1	176
200	-1.546	-1.551	.499	34.539	27.818	30.222	32.596	37.257	28.20	.075	1444.8	202
225	-1.688	-1.693	.377	34.559	27.838	30.244	32.620	37.285	26.08	.082	1444.6	227
250	-1.813	-1.819	.271	34.561	27.842	30.251	32.629	37.297	25.43	.088	1444.4	252
275	-1.857	-1.864	.247	34.574	27.855	30.264	32.642	37.313	24.09	.094	1444.6	277
300	-1.868	-1.875	.255	34.592	27.869	30.278	32.657	37.328	22.54	.100	1445.0	302
325	-1.873	-1.880	.271	34.601	27.877	30.286	32.665	37.335	21.69	.106	1445.4	328
350	-1.885	-1.894	.278	34.620	27.892	30.302	32.681	37.351	20.08	.111	1445.8	353
375	-1.916	-1.925	.267	34.637	27.907	30.316	32.696	37.368	18.53	.116	1446.1	378
400	-1.916	-1.926	.287	34.656	27.922	30.332	32.711	37.382	16.96	.120	1446.5	403
425	-1.948	-1.958	.275	34.674	27.937	30.348	32.727	37.400	15.33	.124	1446.8	429
450	-1.948	-1.959	.296	34.694	27.954	30.364	32.744	37.416	13.62	.128	1447.3	454
475	-1.989	-2.000	.275	34.713	27.970	30.381	32.761	37.434	11.89	.131	1447.5	479
500	-2.014	-2.026	.269	34.733	27.987	30.398	32.779	37.452	10.14	.134	1447.8	504
509	-2.018	-2.030	.273	34.736	27.990	30.401	32.781	37.455	9.84	.134	1448.0	513



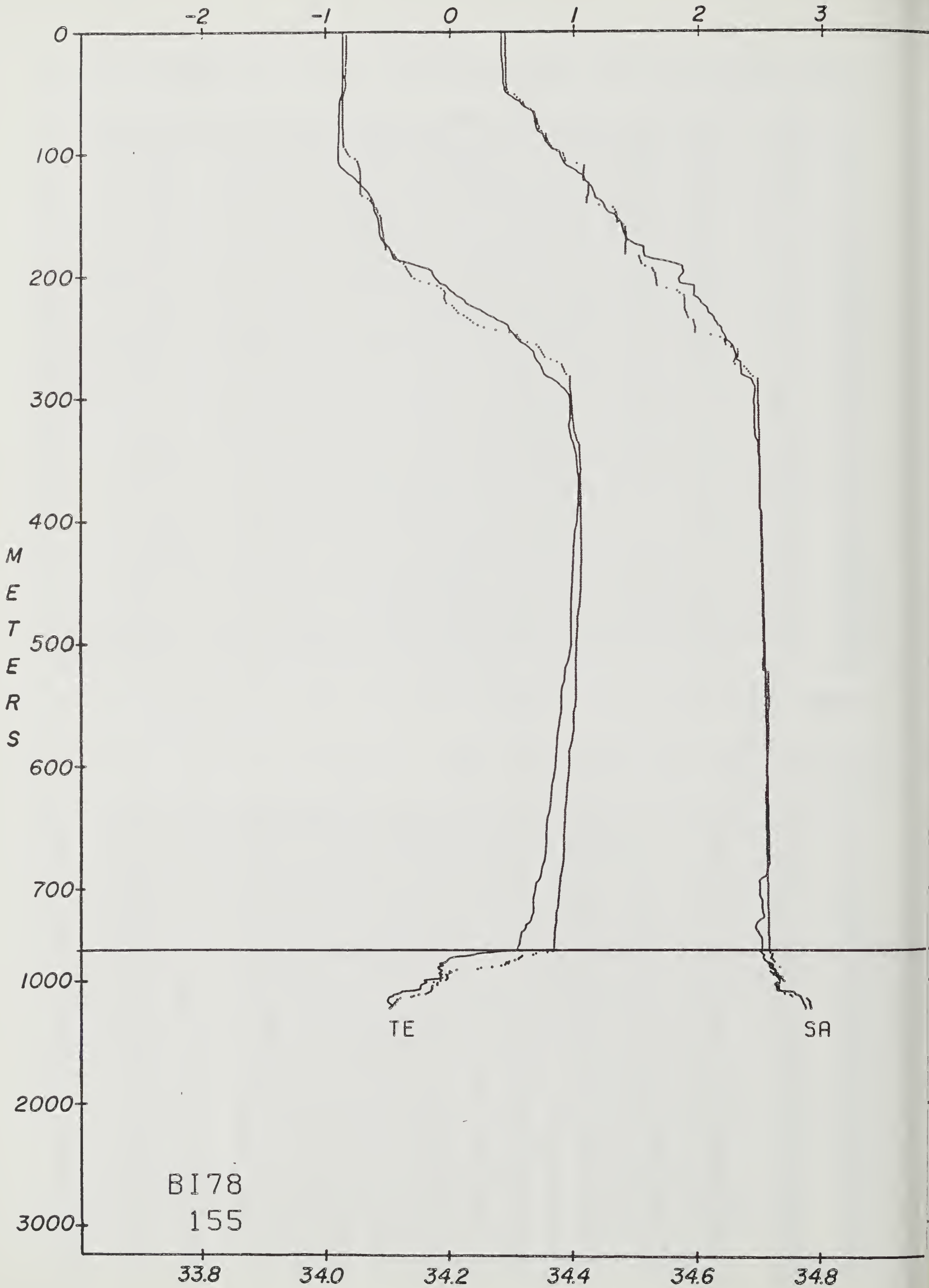
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIR TM P GLAC SD GMT DAMONYR SH CR M STN
71 51.9S 172 24.4E 570 1633 988.5 180 23 0.8 0 0 0 13 3FEB78 BI 78 1 154

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	824	824	1.056	34.306	27.604	29.998	32.362	37.003	49.42	0.000	1444.5	0
10	823	823	1.065	34.307	27.605	29.999	32.363	37.004	49.32	0.005	1444.7	10
20	837	837	1.058	34.308	27.606	30.000	32.365	37.006	49.15	0.010	1444.8	20
30	840	840	1.063	34.314	27.611	30.005	32.369	37.011	48.65	0.015	1445.0	30
40	839	841	1.072	34.331	27.625	30.019	32.382	37.024	47.35	0.020	1445.2	40
50	810	812	1.109	34.341	27.632	30.025	32.389	37.029	46.65	0.024	1445.5	50
60	780	781	1.148	34.348	27.637	30.029	32.393	37.032	46.17	0.029	1445.8	60
70	745	747	1.190	34.355	27.641	30.033	32.396	37.034	45.76	0.033	1446.1	71
80	732	733	1.211	34.359	27.643	30.035	32.398	37.035	45.50	0.038	1446.4	81
90	736	739	1.215	34.366	27.649	30.042	32.404	37.042	44.86	0.043	1446.5	91
100	789	792	1.172	34.390	27.671	30.064	32.427	37.066	42.81	0.047	1446.5	101
125	786	790	1.197	34.454	27.722	30.115	32.478	37.116	37.86	0.057	1447.0	126
150	677	682	1.328	34.515	27.767	30.158	32.519	37.154	33.60	0.066	1448.0	151
175	365	371	1.663	34.569	27.797	30.183	32.539	37.164	30.88	0.074	1449.9	176
200	063	071	1.985	34.592	27.801	30.182	32.534	37.150	30.62	0.082	1451.7	202
225	203	194	2.272	34.629	27.816	30.194	32.541	37.149	29.32	0.089	1453.4	227
250	487	476	2.576	34.649	27.817	30.190	32.533	37.133	29.48	0.097	1453.2	252
275	670	657	2.779	34.667	27.820	30.190	32.531	37.125	29.35	0.104	1456.4	277
300	856	843	2.985	34.678	27.817	30.185	32.523	37.112	29.79	0.111	1457.7	302
325	969	954	3.118	34.698	27.826	30.192	32.528	37.114	29.15	0.119	1458.6	328
350	1.011	995	3.180	34.701	27.826	30.191	32.527	37.111	29.25	0.126	1459.2	353
375	1.052	1.034	3.239	34.702	27.824	30.189	32.524	37.107	29.52	0.133	1459.8	378
400	1.060	1.041	3.266	34.703	27.824	30.189	32.524	37.107	29.56	0.141	1460.3	403
425	1.061	1.041	3.287	34.704	27.825	30.190	32.525	37.108	29.56	0.149	1460.7	429
450	1.054	1.032	3.298	34.705	27.826	30.192	32.526	37.110	29.48	0.155	1461.1	454
475	1.041	1.018	3.304	34.706	27.828	30.193	32.528	37.112	29.37	0.163	1461.5	479
500	1.035	1.011	3.318	34.708	27.829	30.195	32.530	37.115	29.26	0.170	1461.8	504
550	1.030	1.003	3.351	34.710	27.832	30.198	32.533	37.117	29.16	0.185	1462.7	555
600	1.020	990	3.378	34.712	27.834	30.200	32.536	37.121	29.03	0.199	1463.4	605
650	1.009	977	3.406	34.714	27.836	30.203	32.539	37.124	28.91	0.214	1464.2	656
700	977	941	3.411	34.717	27.841	30.209	32.544	37.131	28.53	0.228	1464.9	706
750	939	901	3.411	34.717	27.843	30.212	32.548	37.136	28.33	0.242	1465.6	757
800	905	864	3.416	34.719	27.847	30.216	32.553	37.142	28.00	0.256	1466.3	808
850	883	839	3.431	34.715	27.845	30.215	32.552	37.141	28.21	0.271	1467.0	858
900	837	791	3.423	34.715	27.848	30.219	32.557	37.147	27.92	0.285	1467.6	909
950	817	769	3.442	34.712	27.847	30.218	32.556	37.148	28.06	0.299	1468.4	959
1000	806	755	3.468	34.712	27.847	30.219	32.557	37.149	28.08	0.313	1469.2	1010
1100	596	540	3.333	34.697	27.849	30.223	32.565	37.163	27.51	0.340	1469.9	1111
1200	225	166	3.038	34.708	27.879	30.259	32.606	37.215	23.60	0.366	1469.9	1212
1300	171	232	2.719	34.722	27.911	30.297	32.650	37.270	19.25	0.387	1469.8	1314
1400	383	447	2.585	34.749	27.943	30.332	32.689	37.314	15.38	0.405	1470.6	1415
1500	383	454	2.661	34.754	27.947	30.336	32.692	37.318	14.92	0.420	1472.3	1517
1600	379	456	2.741	34.758	27.950	30.340	32.696	37.322	14.50	0.435	1474.0	1618
1628	413	491	2.728	34.759	27.953	30.343	32.700	37.327	14.10	0.439	1474.3	1647

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIR TM P GLAC SD GMT DAMONYR SH CR M STN
71 50.3S 172 25.9E 570 1633 987.5 200 37 -1.4 0 0 0 145 3FEB78 BI 78 2 154

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.84	-0.84	1.04	34.303	27.60	30.00							0	154
1583	-0.43	-0.50	2.68	34.756	27.95	30.34		90			0.47	A7	0	154

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	840	840	1.041	34.326	27.621	30.015	32.379	37.020	47.83	0.000	1444.5	0
10	840	840	1.048	34.326	27.621	30.015	32.379	37.020	47.80	0.005	1444.7	10
20	840	841	1.056	34.326	27.621	30.015	32.379	37.020	47.76	0.010	1444.8	20
30	840	841	1.064	34.327	27.622	30.016	32.380	37.021	47.65	0.014	1445.0	30
40	840	841	1.071	34.327	27.622	30.016	32.380	37.021	47.62	0.019	1445.1	40
50	837	838	1.082	34.328	27.622	30.016	32.380	37.022	47.52	0.024	1445.3	50
60	930	831	1.097	34.328	27.622	30.016	32.380	37.021	47.51	0.029	1445.5	60
70	733	736	1.203	34.362	27.646	30.038	32.400	37.038	45.30	0.033	1446.2	71
80	715	718	1.229	34.385	27.664	30.056	32.418	37.055	43.56	0.038	1446.5	81
90	763	766	1.190	34.399	27.677	30.070	32.432	37.071	42.25	0.042	1446.4	91
100	738	741	1.225	34.420	27.693	30.084	32.447	37.084	40.77	0.046	1446.7	101
125	514	518	1.471	34.499	27.747	30.135	32.494	37.124	35.64	0.056	1448.3	126
150	471	476	1.534	34.504	27.750	30.137	32.495	37.124	35.34	0.065	1448.9	151
175	390	396	1.635	34.527	27.764	30.151	32.507	37.133	33.96	0.073	1449.7	176
200	213	220	1.832	34.545	27.770	30.154	32.508	37.129	33.43	0.082	1451.0	202
225	094	085	2.160	34.579	27.782	30.161	32.511	37.122	32.46	0.090	1452.9	227
250	341	331	2.429	34.613	27.796	30.172	32.517	37.121	31.33	0.098	1454.4	252
275	531	520	2.639	34.638	27.805	30.178	32.520	37.119	30.64	0.106	1455.8	277
300	782	768	2.910	34.669	27.815	30.184	32.522	37.114	29.96	0.113	1457.3	302
325	861	846	3.009	34.684	27.821	30.189	32.527	37.116	29.45	0.121	1458.1	328
350	926	910	3.094	34.691	27.823	30.190	32.527	37.114	29.39	0.128	1458.8	353
375	998	980	3.185	34.698	27.824	30.190	32.526	37.111	29.43	0.135	1459.6	378
400	1.024	1.005	3.230	34.699	27.823	30.189	32.524	37.108	29.60	0.143	1460.1	403
425	1.028	1.008	3.253	34.700	27.824	30.190	32.525	37.109	29.61	0.150	1460.6	429
450	1.028	1.006	3.272	34.701	27.824	30.190	32.526	37.110	29.59	0.157	1461.0	454
475	1.028	1.005	3.291	34.703	27.826	30.192	32.527	37.112	29.50	0.165	1461.4	479
500	1.025	1.000	3.307	34.706	27.828	30.195	32.530	37.114	29.33	0.172	1461.8	504
550	1.012	985	3.332	34.704	27.828	30.195	32.530	37.115	29.44	0.187	1462.6	555
600	998	968	3.356	34.706	27.831	30.198	32.533	37.119	29.31	0.202	1463.3	605
650	916	884	3.312	34.701	27.832	30.200	32.537	37.125	29.16	0.216	1463.8	656
700	895	860	3.329	34.701	27.833	30.202	32.539	37.128	29.09	0.231	1464.5	706
750	888	850	3.360	34.701	27.834	30.203	32.540	37.129	29.12	0.245	1465.3	757
800	874	833	3.384	34.703	27.836	30.206	32.543	37.133	28.95	0.250	1466.1	808
850	863	820	3.411	34.706	27.839	30.209	32.547	37.137	28.72	0.274	1466.9	858
900	792	746	3.377	34.699	27.838	30.209	32.548	37.140	28.74	0.289	1467.4	909
950	785	736	3.408	34.700	27.839	30.211	32.550	37.142	28.69	0.303	1468.2	959
1000	743	691	3.404	34.704	27.845	30.217	32.557	37.150	28.14	0.317	1468.9	1010
1100	663	606	3.400	34.706	27.852	30.226	32.567	37.162	27.39	0.345	1470.2	1111



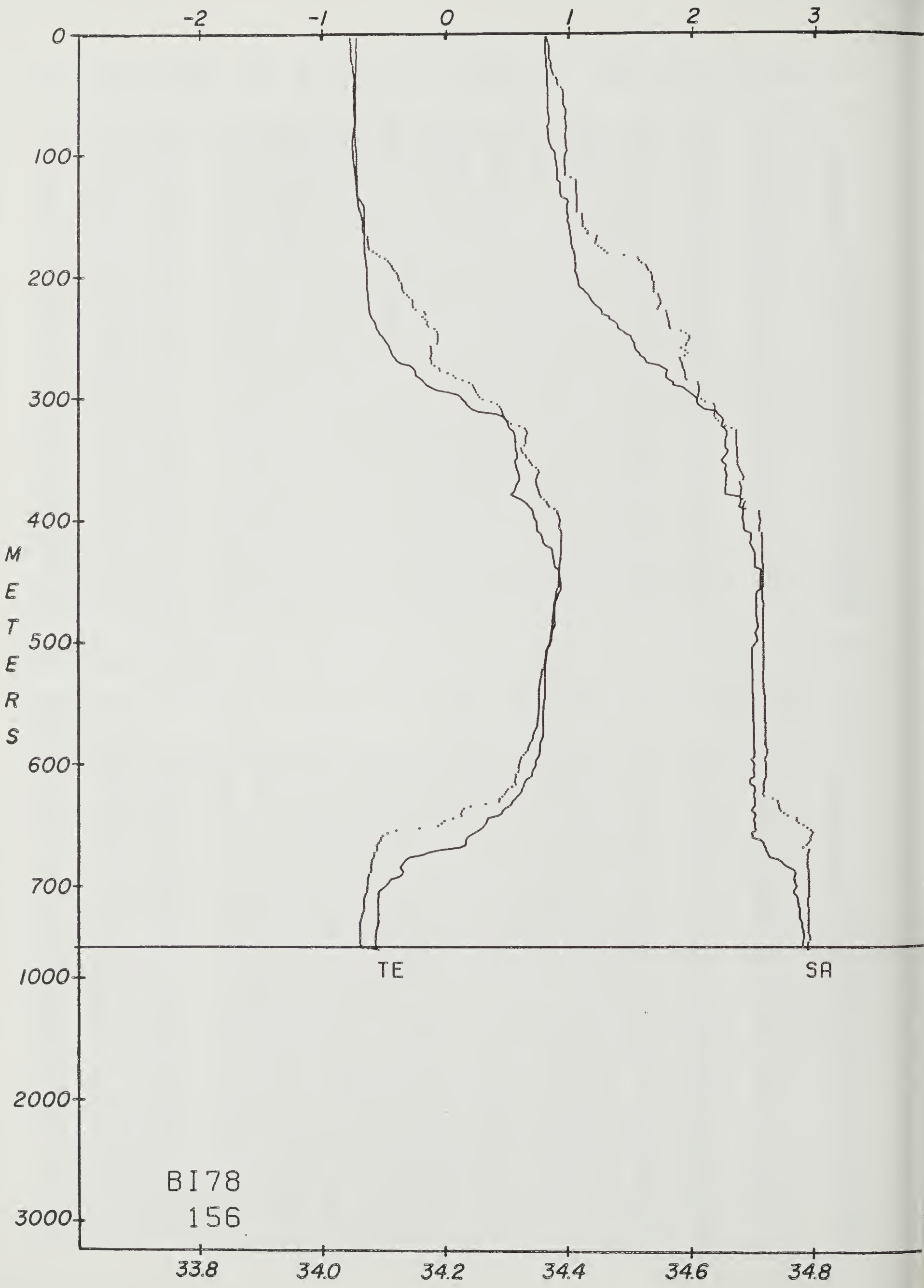
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
71 52.35 172 14.8E 570 1240 988.2 200 33 -1.1 0 0 0 238 3FEB78 BI 78 1 155

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	838	838	1.041	34.287	27.589	29.984	32.348	36.989	50.83	0.000	1444.4	0
10	838	838	1.048	34.287	27.589	29.984	32.348	36.989	50.79	.005	1444.6	10
20	839	839	1.055	34.287	27.590	29.984	32.348	36.989	50.74	.010	1444.8	20
30	839	839	1.063	34.289	27.591	29.985	32.350	36.991	50.54	.015	1444.9	30
40	840	841	1.069	34.290	27.592	29.986	32.350	36.992	50.45	.020	1445.1	40
50	844	845	1.073	34.295	27.596	29.990	32.354	36.996	50.05	.025	1445.2	50
60	866	867	1.060	34.321	27.618	30.012	32.377	37.019	47.95	.030	1445.3	60
70	870	872	1.064	34.341	27.634	30.028	32.393	37.035	46.35	.035	1445.5	71
80	871	873	1.072	34.345	27.638	30.032	32.397	37.039	45.96	.040	1445.7	81
90	873	876	1.078	34.359	27.649	30.044	32.408	37.050	44.84	.044	1445.9	91
100	876	879	1.084	34.383	27.668	30.063	32.427	37.069	43.00	.048	1446.0	101
125	692	696	1.289	34.430	27.699	30.091	32.452	37.088	40.09	.059	1447.4	126
150	566	571	1.437	34.471	27.726	30.116	32.475	37.107	37.49	.069	1448.4	151
175	475	481	1.549	34.510	27.754	30.142	32.500	37.129	34.85	.078	1449.3	176
200	101	109	1.946	34.576	27.790	30.172	32.524	37.141	31.66	.086	1451.5	202
225	205	196	2.274	34.617	27.807	30.184	32.531	37.139	30.26	.094	1453.4	227
250	560	549	2.649	34.649	27.812	30.184	32.526	37.124	29.98	.101	1455.5	252
275	768	756	2.878	34.673	27.819	30.188	32.527	37.119	29.52	.109	1456.9	277
300	994	980	3.124	34.694	27.821	30.187	32.523	37.108	29.51	.116	1458.3	302
325	992	977	3.141	34.695	27.822	30.188	32.524	37.109	29.48	.123	1458.7	328
350	1.050	1.033	3.218	34.703	27.825	30.190	32.525	37.108	29.37	.131	1459.4	353
375	1.064	1.045	3.251	34.704	27.825	30.190	32.524	37.107	29.45	.138	1459.9	378
400	1.051	1.032	3.259	34.707	27.828	30.193	32.528	37.112	29.20	.145	1460.3	403
425	1.023	1.002	3.248	34.708	27.830	30.196	32.531	37.116	28.97	.153	1460.5	429
450	1.011	.989	3.256	34.709	27.832	30.198	32.533	37.118	28.86	.160	1460.9	454
475	1.002	.979	3.266	34.710	27.833	30.200	32.535	37.120	28.78	.167	1461.3	479
500	1.002	.977	3.284	34.712	27.835	30.201	32.537	37.122	28.71	.174	1461.7	504
550	.921	.895	3.242	34.714	27.842	30.210	32.547	37.134	28.02	.188	1462.2	555
600	.874	.845	3.233	34.716	27.847	30.215	32.552	37.141	27.61	.202	1462.8	605
650	.802	.771	3.199	34.718	27.853	30.223	32.561	37.152	27.00	.216	1463.3	656
700	.710	.676	3.144	34.704	27.847	30.219	32.559	37.153	27.41	.230	1463.7	706
750	.560	.524	3.032	34.708	27.860	30.233	32.575	37.174	26.02	.243	1463.9	757
800	.186	.150	2.696	34.712	27.885	30.264	32.611	37.220	22.93	.255	1463.0	808
850	.009	.046	2.540	34.716	27.898	30.280	32.630	37.245	21.23	.266	1463.0	858
900	.075	.114	2.512	34.721	27.905	30.288	32.640	37.256	20.36	.277	1463.5	909
950	.061	.103	2.565	34.733	27.914	30.297	32.648	37.264	19.56	.287	1464.4	959
1000	.184	.228	2.479	34.735	27.922	30.307	32.660	37.280	18.41	.296	1464.7	1010
1100	.370	.418	2.371	34.759	27.951	30.338	32.694	37.319	15.15	.313	1465.6	1111
1200	.456	.509	2.361	34.778	27.970	30.359	32.716	37.344	12.95	.327	1466.9	1212
1236	.466	.520	2.379	34.779	27.971	30.360	32.718	37.346	12.75	.332	1467.5	1249

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
71 52.4S 172 15.5E 570 1240 987.8 200 28 -2.2 0 0 0 402 3FEB78 BI 78 2 155

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.81	-0.81	1.07	34.273	27.58	29.97						C7	0	155
337	0.99	0.97	3.15	34.692	27.82	30.19		93		-0.39		A67	0	155

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	809	809	1.070	34.294	27.594	29.987	32.351	36.992	50.40	0.000	1444.6	0
10	809	809	1.077	34.294	27.594	29.988	32.351	36.992	50.36	.005	1444.7	10
20	810	810	1.084	34.294	27.594	29.988	32.351	36.992	50.32	.010	1444.9	20
30	815	815	1.087	34.295	27.595	29.989	32.353	36.993	50.20	.015	1445.1	30
40	818	819	1.091	34.295	27.595	29.989	32.353	36.994	50.15	.020	1445.2	40
50	828	829	1.089	34.300	27.600	29.994	32.357	36.999	49.69	.025	1445.3	50
60	841	843	1.085	34.324	27.620	30.014	32.373	37.019	47.74	.030	1445.5	60
70	841	843	1.094	34.343	27.635	30.029	32.393	37.034	46.29	.035	1445.7	71
80	836	839	1.106	34.350	27.640	30.034	32.398	37.039	45.77	.039	1445.9	81
90	834	836	1.118	34.363	27.651	30.044	32.408	37.049	44.72	.044	1446.1	91
100	795	798	1.166	34.387	27.668	30.061	32.424	37.064	43.04	.048	1446.4	101
125	692	695	1.290	34.429	27.698	30.090	32.451	37.087	40.17	.059	1447.4	126
150	535	540	1.468	34.474	27.728	30.117	32.476	37.107	37.36	.068	1448.6	151
175	491	497	1.532	34.488	27.737	30.125	32.484	37.113	36.44	.078	1449.2	176
200	279	286	1.766	34.536	27.767	30.151	32.506	37.129	33.76	.086	1450.7	202
225	056	047	2.122	34.583	27.787	30.167	32.517	37.129	31.97	.095	1452.7	227
250	581	570	2.670	34.640	27.804	30.176	32.517	37.115	30.76	.102	1455.6	252
275	945	933	3.055	34.681	27.814	30.180	32.517	37.103	30.14	.110	1457.7	277
300	1.011	.997	3.141	34.701	27.826	30.191	32.526	37.111	29.13	.117	1458.4	302
325	1.030	1.015	3.180	34.702	27.825	30.191	32.526	37.110	29.23	.125	1458.9	328
350	1.079	1.063	3.248	34.704	27.823	30.188	32.523	37.105	29.51	.132	1459.6	353
375	1.083	1.065	3.270	34.704	27.823	30.188	32.522	37.105	29.60	.139	1460.0	378
400	1.086	1.066	3.292	34.706	27.825	30.190	32.524	37.107	29.52	.147	1460.4	403
425	1.090	1.069	3.315	34.707	27.825	30.190	32.524	37.107	29.54	.154	1460.9	429
450	1.084	1.062	3.329	34.708	27.826	30.192	32.526	37.109	29.48	.162	1461.2	454
475	1.063	1.040	3.327	34.709	27.829	30.194	32.529	37.112	29.31	.169	1461.6	479
500	1.048	1.023	3.330	34.711	27.831	30.197	32.532	37.116	29.13	.176	1461.9	504
550	1.039	1.011	3.359	34.719	27.838	30.204	32.539	37.123	28.54	.191	1462.7	555
600	.987	.957	3.345	34.715	27.838	30.205	32.541	37.127	28.55	.205	1463.3	605
650	.950	.917	3.346	34.715	27.841	30.209	32.545	37.132	28.37	.219	1464.0	656
700	.908	.873	3.342	34.718	27.846	30.215	32.552	37.140	27.91	.233	1464.6	706
750	.865	.828	3.338	34.720	27.850	30.220	32.557	37.147	27.52	.247	1465.3	757
800	.621	.582	3.132	34.724	27.869	30.242	32.583	37.179	25.36	.260	1465.0	808
850	.490	.449	3.039	34.726	27.879	30.254	32.597	37.197	24.21	.273	1465.3	858
900	.279	.237	2.866	34.725	27.890	30.268	32.614	37.220	22.70	.284	1465.1	909
950	.005	.048	2.620	34.728	27.907	30.290	32.640	37.255	20.32	.295	1464.7	959
1000	.008	.054	2.655	34.741	27.918	30.301	32.651	37.266	19.28	.305	1465.5	1010
1100	.151	.200	2.589	34.744	27.928	30.312	32.665	37.284	17.93	.324	1466.6	1111
1200	.428	.481	2.390	34.787	27.976	30.365	32.721	37.348	12.49	.339	1467.0	1212
1233	.468	.522	2.376	34.788	27.978	30.368	32.725	37.353	12.07	.343	1467.4	1246



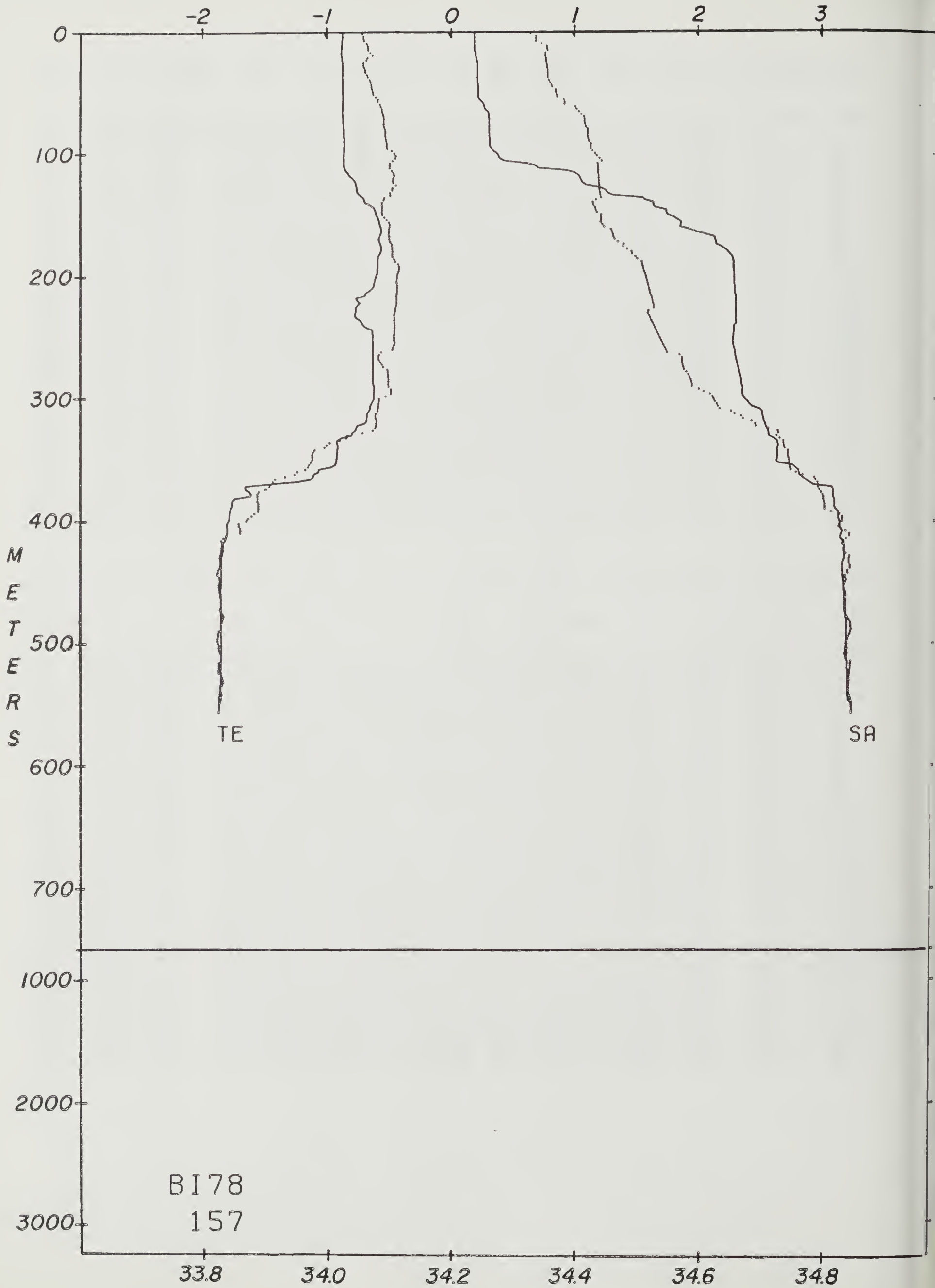
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71 52.5S	172 7.0E	570	778	987.8	200	32	-1.6	0	0	0	527	3FEB78	BI	78	1	156

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .712	- .712	1.171	34.364	27.647	30.038	32.400	37.038	45.41	0.000	1445.1	0
10	- .715	- .715	1.176	34.364	27.647	30.039	32.401	37.038	45.37	.005	1445.3	10
20	- .715	- .716	1.183	34.366	27.648	30.040	32.402	37.039	45.22	.009	1445.5	20
30	- .718	- .718	1.188	34.367	27.649	30.041	32.403	37.040	45.10	.014	1445.6	30
40	- .718	- .719	1.196	34.367	27.649	30.041	32.403	37.040	45.04	.018	1445.8	40
50	- .722	- .723	1.200	34.368	27.650	30.042	32.404	37.042	44.92	.023	1445.9	50
60	- .718	- .719	1.211	34.368	27.650	30.042	32.404	37.041	44.90	.027	1446.1	60
70	- .718	- .720	1.219	34.370	27.652	30.044	32.406	37.043	44.69	.032	1446.3	71
80	- .738	- .741	1.206	34.368	27.651	30.043	32.406	37.044	44.74	.036	1446.3	81
90	- .744	- .747	1.208	34.371	27.654	30.046	32.408	37.046	44.47	.040	1446.5	91
100	- .739	- .742	1.221	34.380	27.661	30.053	32.415	37.053	43.78	.045	1446.7	101
125	- .710	- .714	1.269	34.388	27.666	30.058	32.419	37.056	43.21	.056	1447.2	126
150	- .648	- .653	1.351	34.401	27.673	30.064	32.425	37.060	42.46	.066	1448.0	151
175	- .648	- .654	1.370	34.407	27.679	30.070	32.431	37.066	41.86	.077	1448.4	176
200	- .627	- .633	1.411	34.416	27.685	30.076	32.436	37.071	41.22	.087	1448.9	202
225	- .609	- .616	1.450	34.452	27.713	30.103	32.463	37.097	38.55	.097	1449.5	227
250	- .490	- .499	1.591	34.504	27.750	30.139	32.496	37.126	35.06	.107	1450.5	252
275	- .246	- .256	1.857	34.558	27.783	30.167	32.521	37.143	32.15	.115	1452.1	277
300	- .150	- .138	2.275	34.610	27.804	30.182	32.531	37.141	30.44	.123	1454.4	302
325	- .546	- .532	2.693	34.656	27.919	30.191	32.533	37.132	29.42	.130	1456.7	328
350	- .579	- .563	2.744	34.650	27.812	30.184	32.526	37.123	30.11	.138	1457.2	353
375	- .568	- .551	2.752	34.656	27.817	30.190	32.532	37.129	29.62	.145	1457.6	378
400	- .747	- .729	2.952	34.685	27.830	30.200	32.539	37.132	28.66	.152	1458.9	403
425	- .878	- .857	3.103	34.703	27.836	30.204	32.541	37.130	28.27	.160	1459.9	429
450	- .945	- .923	3.189	34.713	27.840	30.207	32.543	37.130	28.07	.167	1460.6	454
475	- .895	- .872	3.158	34.706	27.837	30.205	32.542	37.131	28.28	.174	1460.8	479
500	- .859	- .835	3.142	34.705	27.839	30.207	32.545	37.134	28.14	.181	1461.1	504
550	- .804	- .778	3.124	34.701	27.839	30.209	32.547	37.138	28.12	.195	1461.6	555
600	- .739	- .710	3.097	34.703	27.845	30.216	32.555	37.148	27.53	.209	1462.2	605
650	- .319	- .290	2.715	34.704	27.870	30.247	32.593	37.198	24.48	.222	1461.1	656
700	- .491	- .518	1.947	34.772	27.967	30.355	32.712	37.340	13.94	.231	1458.3	706
750	- .561	- .590	1.916	34.783	27.978	30.367	32.726	37.356	12.62	.238	1458.9	757
771	- .541	- .571	1.952	34.789	27.983	30.372	32.730	37.359	12.23	.241	1459.3	778

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71 52.6S	172 7.0E	570	778	987.8	200	35	-2.1	0	0	0	621	3FEB78	BI	78	2	156

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
755	-0.61	-0.64	1.87	34.777	27.98	30.37		85		-0.03		A	0	156

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .756	- .756	1.128	34.367	27.651	30.043	32.406	37.044	45.01	0.000	1444.9	0
10	- .758	- .758	1.133	34.370	27.653	30.045	32.408	37.046	44.77	.004	1445.1	10
20	- .757	- .757	1.142	34.370	27.653	30.046	32.408	37.047	44.70	.009	1445.3	20
30	- .740	- .740	1.167	34.375	27.656	30.049	32.411	37.049	44.39	.013	1445.5	30
40	- .733	- .734	1.182	34.383	27.663	30.055	32.417	37.055	43.75	.018	1445.7	40
50	- .734	- .735	1.189	34.393	27.671	30.063	32.425	37.063	42.96	.022	1445.9	50
60	- .735	- .737	1.196	34.395	27.672	30.063	32.427	37.064	42.78	.026	1446.1	60
70	- .726	- .728	1.212	34.396	27.673	30.065	32.427	37.065	42.68	.031	1446.3	71
80	- .726	- .728	1.220	34.397	27.674	30.066	32.428	37.065	42.62	.035	1446.4	81
90	- .720	- .722	1.234	34.397	27.674	30.066	32.427	37.065	42.59	.039	1446.6	91
100	- .710	- .713	1.251	34.396	27.672	30.064	32.426	37.063	42.67	.044	1446.8	101
125	- .704	- .708	1.277	34.414	27.687	30.078	32.440	37.076	41.26	.054	1447.3	126
150	- .667	- .672	1.333	34.424	27.693	30.084	32.445	37.081	40.58	.064	1447.9	151
175	- .611	- .616	1.410	34.452	27.714	30.104	32.464	37.097	38.61	.074	1448.6	176
200	- .372	- .379	1.673	34.537	27.771	30.158	32.514	37.139	33.24	.083	1450.2	202
225	- .244	- .252	1.821	34.547	27.774	30.158	32.512	37.134	33.08	.091	1451.3	227
250	- .052	- .062	2.034	34.597	27.805	30.186	32.537	37.153	30.26	.099	1452.6	252
275	- .036	- .047	2.069	34.588	27.796	30.177	32.528	37.144	31.05	.107	1453.1	277
300	- .318	- .305	2.443	34.617	27.801	30.176	32.522	37.127	30.91	.115	1455.2	302
325	- .664	- .649	2.811	34.670	27.823	30.194	32.534	37.129	29.15	.122	1457.2	328
350	- .688	- .672	2.854	34.676	27.826	30.196	32.537	37.131	28.88	.129	1457.8	353
375	- .767	- .750	2.953	34.682	27.826	30.195	32.534	37.126	29.03	.137	1458.5	378
400	- .940	- .921	3.147	34.713	27.840	30.207	32.543	37.130	27.96	.144	1459.8	403
425	- .947	- .927	3.173	34.716	27.842	30.209	32.545	37.132	27.81	.151	1460.2	429
450	- .926	- .905	3.171	34.717	27.844	30.211	32.548	37.135	27.64	.158	1460.5	454
475	- .884	- .861	3.148	34.717	27.847	30.215	32.552	37.140	27.37	.165	1460.8	479
500	- .855	- .831	3.138	34.718	27.849	30.218	32.555	37.144	27.16	.171	1461.1	504
550	- .765	- .739	3.086	34.720	27.857	30.227	32.566	37.158	26.40	.185	1461.5	555
600	- .603	- .575	2.963	34.722	27.868	30.240	32.582	37.178	25.16	.198	1461.6	605
650	- .083	- .110	2.317	34.783	27.956	30.338	32.690	37.305	15.75	.208	1459.4	656
700	- .632	- .658	1.807	34.792	27.989	30.379	32.738	37.370	11.57	.215	1457.7	706
750	- .667	- .695	1.810	34.790	27.989	30.380	32.740	37.372	11.40	.221	1458.4	757
757	- .625	- .653	1.858	34.790	27.987	30.377	32.737	37.368	11.65	.221	1458.7	764



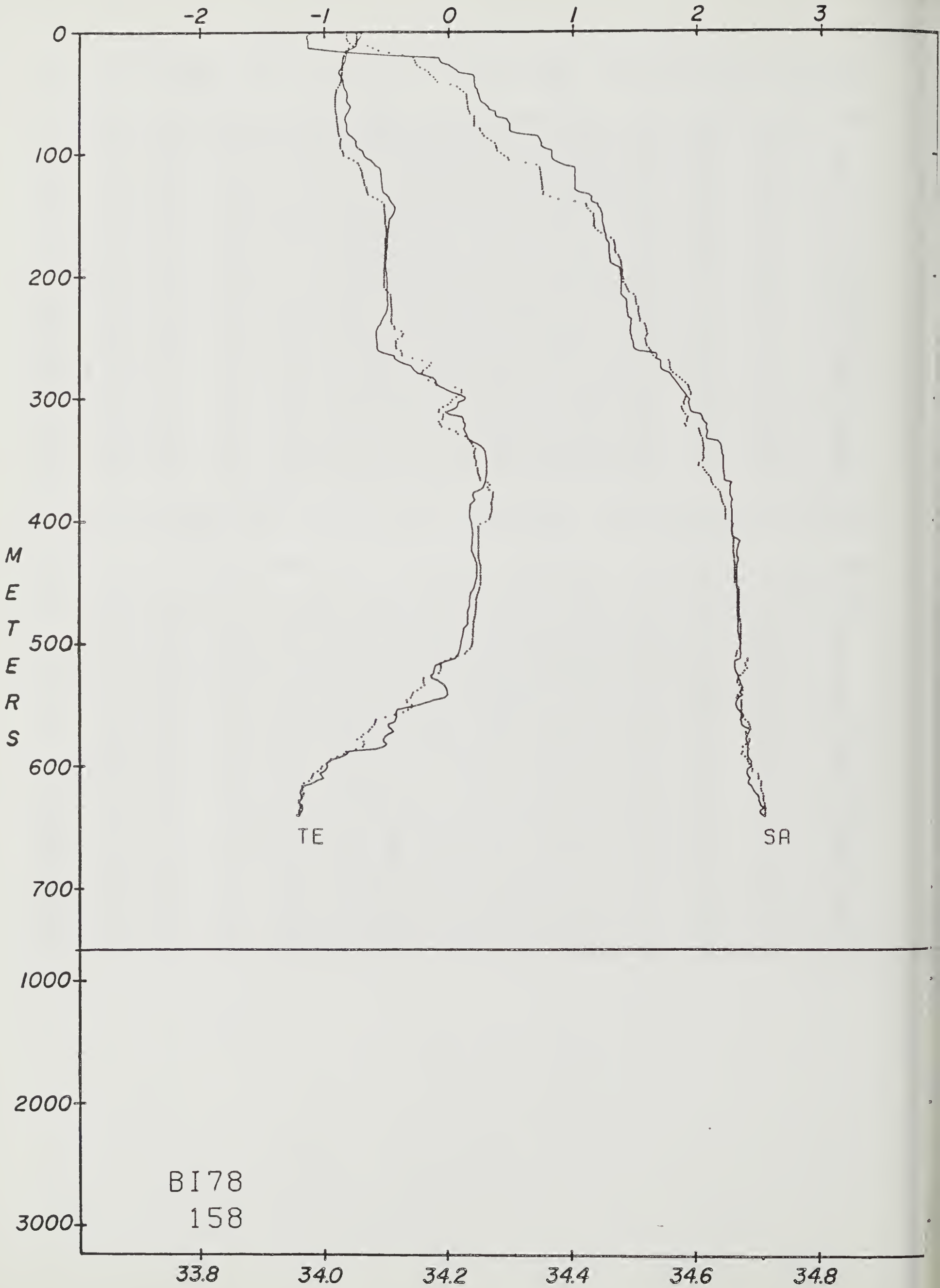
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71 56.4S	171 50.9E	570	562	987.5	210	31	-2.1	0		0	0	840	3FEB78	BI	78	1	157

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.861	-1.861	1.015	34.241	27.553	29.948	32.312	36.955	54.26	0.000	1444.3	0
10	-1.866	-1.866	1.017	34.241	27.553	29.948	32.313	36.956	54.21	.005	1444.4	10
20	-1.867	-1.868	1.024	34.243	27.555	29.950	32.315	36.957	54.01	.011	1444.6	20
30	-1.861	-1.862	1.038	34.246	27.557	29.952	32.316	36.959	53.77	.016	1444.8	30
40	-1.861	-1.862	1.046	34.246	27.557	29.952	32.316	36.959	53.74	.022	1444.9	40
50	-1.858	-1.859	1.056	34.247	27.558	29.953	32.317	36.960	53.63	.027	1445.1	50
60	-1.860	-1.862	1.062	34.256	27.565	29.960	32.325	36.967	52.91	.032	1445.3	60
70	-1.859	-1.861	1.072	34.264	27.572	29.966	32.331	36.973	52.24	.038	1445.5	71
80	-1.851	-1.853	1.087	34.265	27.572	29.967	32.331	36.973	52.18	.043	1445.7	81
90	-1.845	-1.848	1.101	34.266	27.573	29.967	32.332	36.973	52.09	.048	1445.9	91
100	-1.850	-1.853	1.104	34.277	27.581	29.976	32.341	36.982	51.23	.053	1446.0	101
125	-1.753	-1.757	1.228	34.419	27.693	30.085	32.448	37.086	40.67	.065	1447.1	126
150	-1.587	-1.592	1.421	34.554	27.795	30.184	32.544	37.175	31.02	.074	1448.5	151
175	-1.552	-1.558	1.480	34.636	27.859	30.248	32.606	37.237	24.89	.081	1449.1	176
200	-1.590	-1.597	1.462	34.661	27.881	30.270	32.629	37.260	22.75	.087	1449.4	202
225	-1.748	-1.755	1.323	34.664	27.890	30.282	32.643	37.279	21.74	.092	1449.1	227
250	-1.614	-1.623	1.475	34.659	27.881	30.270	32.630	37.262	22.65	.098	1450.1	252
275	-1.614	-1.623	1.496	34.668	27.888	30.278	32.637	37.269	21.92	.103	1450.6	277
300	-1.610	-1.620	1.519	34.679	27.897	30.287	32.645	37.277	21.04	.109	1451.0	302
325	-1.754	-1.765	1.395	34.715	27.932	30.323	32.684	37.320	17.60	.113	1450.8	328
350	-1.907	-1.918	1.263	34.730	27.950	30.344	32.707	37.347	15.67	.118	1450.5	353
375	-1.627	-1.637	1.567	34.820	28.048	30.452	32.826	37.488	5.63	.120	1447.7	378
400	-1.774	-1.784	1.439	34.831	28.061	30.468	32.844	37.509	4.11	.121	1447.4	403
425	-1.820	-1.830	1.413	34.838	28.068	30.475	32.852	37.519	3.28	.122	1447.7	429
450	-1.832	-1.843	1.420	34.837	28.067	30.474	32.852	37.519	3.20	.123	1448.0	454
475	-1.834	-1.846	1.437	34.840	28.070	30.477	32.855	37.522	2.80	.124	1448.4	479
500	-1.829	-1.842	1.461	34.842	28.071	30.478	32.856	37.523	2.57	.125	1448.9	504
550	-1.850	-1.864	1.479	34.849	28.077	30.485	32.863	37.531	1.66	.126	1449.6	555
557	-1.854	-1.869	1.480	34.849	28.077	30.485	32.863	37.531	1.60	.126	1449.7	562

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71 56.4S	171 50.9E	570	562	987.5	200	33	-3.2	0		0	0	954	3FEB78	BI	78	2	157

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
551	-1.86	-1.87	0.47	34.849	28.08	30.49		74		-0.29		C1	0	157

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.706	-1.706	1.176	34.334	27.622	30.014	32.376	37.013	47.73	0.000	1445.1	0
10	-1.672	-1.672	1.218	34.349	27.633	30.024	32.386	37.022	46.65	.005	1445.5	10
20	-1.632	-1.633	1.265	34.356	27.637	30.028	32.388	37.023	46.27	.009	1445.8	20
30	-1.689	-1.690	1.217	34.359	27.642	30.033	32.395	37.031	45.77	.014	1445.7	30
40	-1.644	-1.645	1.270	34.362	27.642	30.033	32.394	37.029	45.75	.019	1446.1	40
50	-1.618	-1.619	1.304	34.373	27.650	30.041	32.401	37.035	44.93	.023	1446.4	50
60	-1.564	-1.566	1.366	34.391	27.662	30.052	32.411	37.044	43.78	.028	1446.8	60
70	-1.531	-1.533	1.409	34.418	27.682	30.071	32.430	37.061	41.86	.032	1447.2	71
80	-1.520	-1.523	1.427	34.424	27.687	30.076	32.434	37.065	41.40	.036	1447.4	81
90	-1.508	-1.511	1.446	34.426	27.688	30.077	32.435	37.066	41.26	.040	1447.6	91
100	-1.444	-1.447	1.520	34.436	27.693	30.081	32.438	37.067	40.79	.044	1448.1	101
125	-1.443	-1.447	1.539	34.443	27.699	30.086	32.444	37.072	40.23	.054	1448.6	126
150	-1.537	-1.542	1.465	34.444	27.704	30.093	32.452	37.083	39.64	.064	1448.5	151
175	-1.461	-1.467	1.562	34.482	27.731	30.119	32.477	37.106	37.03	.074	1449.4	176
200	-1.420	-1.427	1.624	34.518	27.758	30.145	32.502	37.129	34.47	.083	1450.0	202
225	-1.432	-1.439	1.632	34.531	27.769	30.156	32.514	37.141	33.38	.091	1450.4	227
250	-1.445	-1.454	1.638	34.541	27.778	30.165	32.523	37.151	32.48	.100	1450.7	252
275	-1.514	-1.523	1.590	34.580	27.812	30.200	32.559	37.189	29.16	.107	1450.9	277
300	-1.565	-1.575	1.561	34.628	27.854	30.242	32.601	37.232	25.17	.114	1451.1	302
325	-1.611	-1.622	1.539	34.724	27.933	30.323	32.682	37.313	17.57	.119	1451.5	328
350	-1.103	-1.113	1.068	34.750	27.974	30.370	32.737	37.382	13.25	.123	1449.6	353
375	-1.498	-1.508	1.695	34.799	28.027	30.430	32.802	37.459	7.70	.126	1448.3	378
400	-1.639	-1.650	1.574	34.835	28.060	30.464	32.839	37.500	4.35	.127	1448.1	403
425	-1.835	-1.845	1.398	34.838	28.068	30.476	32.853	37.520	3.20	.128	1447.6	429
450	-1.845	-1.857	1.407	34.839	28.069	30.477	32.855	37.522	2.96	.129	1447.9	454
475	-1.828	-1.840	1.443	34.839	28.069	30.476	32.854	37.521	2.88	.130	1448.4	479
500	-1.857	-1.870	1.433	34.840	28.070	30.478	32.856	37.524	2.55	.130	1448.7	504
550	-1.850	-1.864	1.478	34.849	28.077	30.485	32.863	37.531	1.66	.132	1449.6	555

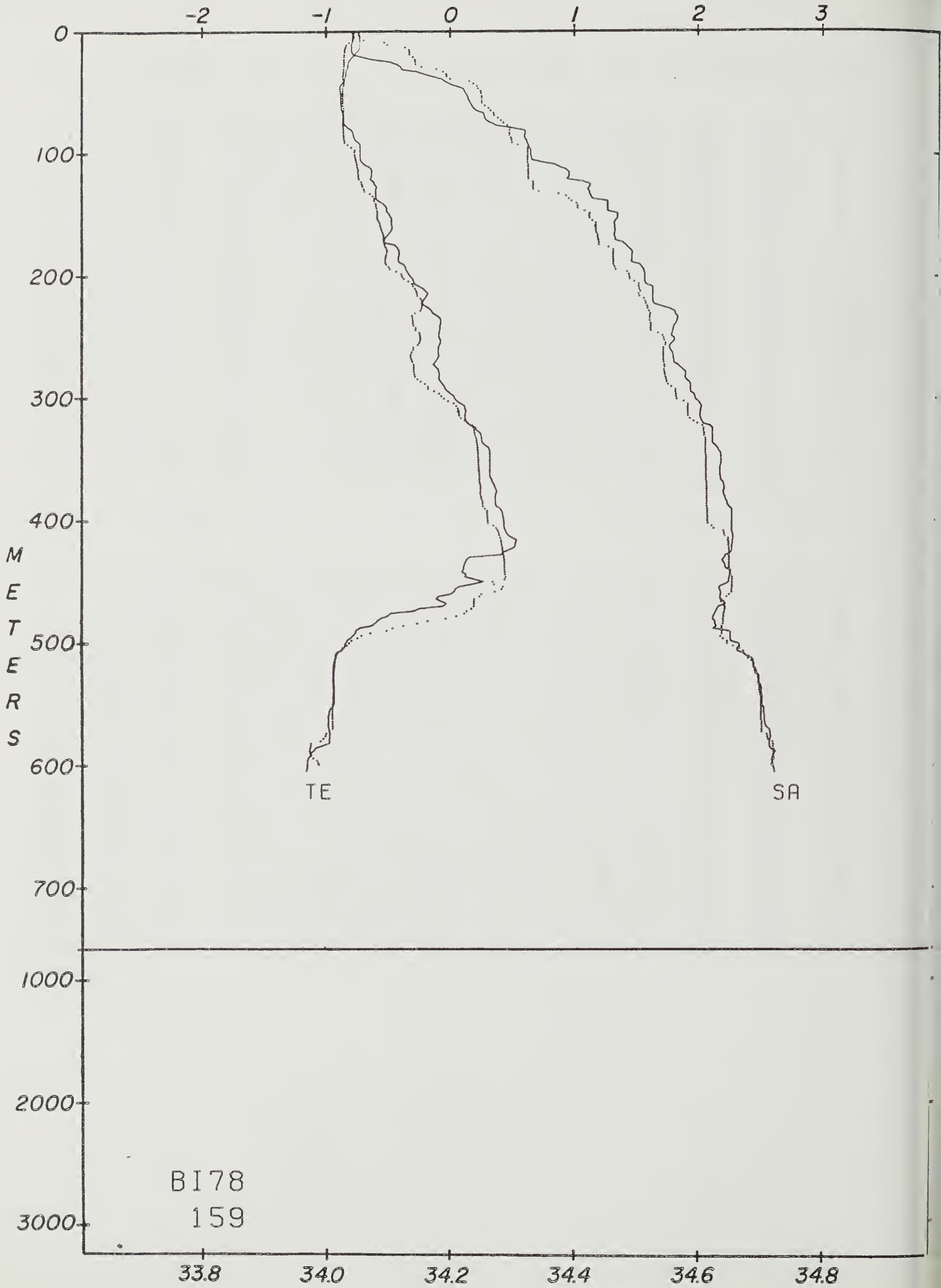


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	0.3S	170	22.8E	570	659	989.2	60	8	-1.7	0	0	0	1118	4FEB78	BI	78	1 159

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SGUNDV	PRES
0	- .697	- .697	1.164	33.979	27.335	29.728	32.092	36.731	74.92	0.000	1444.7	0
10	- .735	- .736	1.133	33.975	27.333	29.727	32.091	36.732	75.05	.007	1444.6	10
20	- .819	- .820	1.065	34.112	27.447	29.842	32.207	36.849	64.19	.014	1444.6	20
30	- .861	- .862	1.036	34.208	27.526	29.921	32.286	36.929	56.70	.021	1444.7	30
40	- .845	- .846	1.062	34.243	27.554	29.948	32.313	36.955	54.03	.026	1445.0	40
50	- .813	- .815	1.101	34.248	27.557	29.951	32.315	36.956	53.70	.031	1445.3	50
60	- .795	- .797	1.127	34.259	27.565	29.958	32.323	36.963	52.92	.037	1445.6	60
70	- .825	- .827	1.106	34.261	27.584	29.978	32.342	36.983	51.12	.042	1445.6	71
80	- .815	- .817	1.125	34.300	27.599	29.993	32.357	36.997	49.65	.047	1445.9	81
90	- .742	- .745	1.208	34.349	27.636	30.028	32.391	37.029	46.16	.052	1446.5	91
100	- .679	- .682	1.280	34.368	27.648	30.040	32.402	37.038	44.94	.056	1446.9	101
125	- .531	- .535	1.449	34.405	27.672	30.061	32.420	37.051	42.70	.067	1448.1	126
150	- .444	- .449	1.557	34.448	27.703	30.091	32.448	37.077	39.75	.078	1449.0	151
175	- .489	- .495	1.533	34.460	27.715	30.103	32.461	37.091	38.59	.087	1449.2	176
200	- .492	- .499	1.549	34.479	27.730	30.119	32.477	37.107	37.05	.097	1449.6	202
225	- .485	- .493	1.576	34.489	27.738	30.126	32.484	37.114	36.29	.106	1450.1	227
250	- .576	- .585	1.504	34.497	27.748	30.138	32.497	37.129	35.22	.115	1450.1	252
275	- .288	- .298	1.814	34.544	27.773	30.159	32.514	37.137	32.99	.123	1451.9	277
300	- .143	- .131	2.266	34.588	27.787	30.165	32.514	37.124	32.08	.132	1454.3	302
325	- .139	- .126	2.284	34.618	27.811	30.190	32.538	37.148	29.75	.139	1454.8	328
350	- .312	- .298	2.477	34.645	27.823	30.199	32.545	37.150	28.78	.147	1456.0	353
375	- .275	- .260	2.460	34.656	27.834	30.211	32.557	37.163	27.72	.154	1456.3	378
400	- .185	- .169	2.389	34.659	27.842	30.220	32.567	37.176	26.93	.161	1456.3	403
425	- .195	- .177	2.418	34.668	27.848	30.226	32.573	37.182	26.34	.167	1456.8	429
450	- .231	- .212	2.473	34.667	27.846	30.223	32.570	37.177	26.62	.174	1457.3	454
475	- .165	- .145	2.426	34.668	27.850	30.228	32.576	37.186	26.12	.180	1457.4	479
500	- .111	- .090	2.391	34.673	27.857	30.236	32.585	37.195	25.43	.187	1457.6	504
550	- .169	- .191	2.149	34.666	27.866	30.250	32.602	37.221	24.10	.199	1457.2	555
600	- .977	- .997	1.380	34.691	27.921	30.317	32.682	37.324	17.50	.210	1454.3	605
643	-1.200	-1.221	1.191	34.713	27.947	30.346	32.714	37.364	14.52	.217	1454.0	649

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	0.6S	170	22.3E	570	659	989.2	40	7	-2.2	0	0	0	1226	4FEB78	BI	78	2 158

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .735	- .735	1.129	34.037	27.383	29.777	32.141	36.781	70.34	0.000	1444.6	0
10	- .741	- .741	1.131	34.046	27.391	29.784	32.148	36.789	69.59	.007	1444.7	10
20	- .834	- .834	1.051	34.127	27.460	29.855	32.219	36.862	63.01	.014	1444.6	20
30	- .848	- .849	1.046	34.155	27.483	29.878	32.243	36.886	60.75	.020	1444.7	30
40	- .857	- .859	1.045	34.180	27.503	29.898	32.263	36.906	58.82	.026	1444.9	40
50	- .899	- .900	1.014	34.225	27.542	29.937	32.302	36.946	55.17	.031	1444.9	50
60	- .906	- .907	1.015	34.232	27.548	29.943	32.309	36.953	54.56	.037	1445.0	60
70	- .891	- .893	1.038	34.241	27.555	29.950	32.315	36.958	53.87	.042	1445.3	71
80	- .880	- .882	1.058	34.251	27.562	29.957	32.321	36.965	53.16	.048	1445.5	81
90	- .860	- .863	1.086	34.270	27.577	29.972	32.336	36.978	51.69	.053	1445.8	91
100	- .835	- .838	1.119	34.285	27.588	29.982	32.346	36.988	50.63	.058	1446.1	101
125	- .665	- .669	1.312	34.352	27.635	30.026	32.388	37.024	46.15	.070	1447.4	126
150	- .503	- .508	1.499	34.435	27.695	30.084	32.442	37.072	40.48	.091	1448.7	151
175	- .501	- .506	1.521	34.469	27.723	30.111	32.470	37.100	37.82	.091	1449.1	176
200	- .511	- .518	1.531	34.482	27.733	30.122	32.480	37.111	36.74	.100	1449.5	202
225	- .450	- .458	1.612	34.507	27.751	30.138	32.496	37.124	35.11	.107	1450.3	227
250	- .368	- .377	1.713	34.521	27.758	30.145	32.501	37.127	34.39	.118	1451.1	252
275	- .155	- .165	1.948	34.559	27.779	30.162	32.515	37.134	32.59	.126	1452.5	277
300	- .074	- .062	2.197	34.585	27.788	30.168	32.517	37.130	31.86	.134	1454.0	302
325	- .012	- .024	2.131	34.595	27.800	30.181	32.532	37.147	30.64	.142	1454.1	328
350	- .228	- .214	2.391	34.614	27.803	30.180	32.527	37.135	30.61	.150	1455.6	353
375	- .333	- .317	2.516	34.635	27.814	30.190	32.536	37.140	29.67	.157	1456.5	378
400	- .336	- .319	2.539	34.650	27.826	30.202	32.547	37.152	28.55	.165	1457.0	403
425	- .251	- .233	2.474	34.662	27.840	30.218	32.564	37.171	27.13	.171	1457.0	429
450	- .272	- .253	2.514	34.664	27.841	30.218	32.564	37.170	27.11	.178	1457.5	454
475	- .231	- .211	2.492	34.671	27.849	30.226	32.573	37.190	26.32	.195	1457.8	479
500	- .204	- .183	2.484	34.674	27.853	30.231	32.578	37.186	25.92	.191	1458.1	504
550	- .323	- .344	1.996	34.675	27.880	30.266	32.621	37.245	22.51	.204	1456.5	555
600	- .974	- .994	1.383	34.688	27.919	30.315	32.660	37.322	17.71	.214	1454.3	605
642	-1.205	-1.226	1.185	34.714	27.948	30.347	32.716	37.365	14.43	.220	1454.0	648

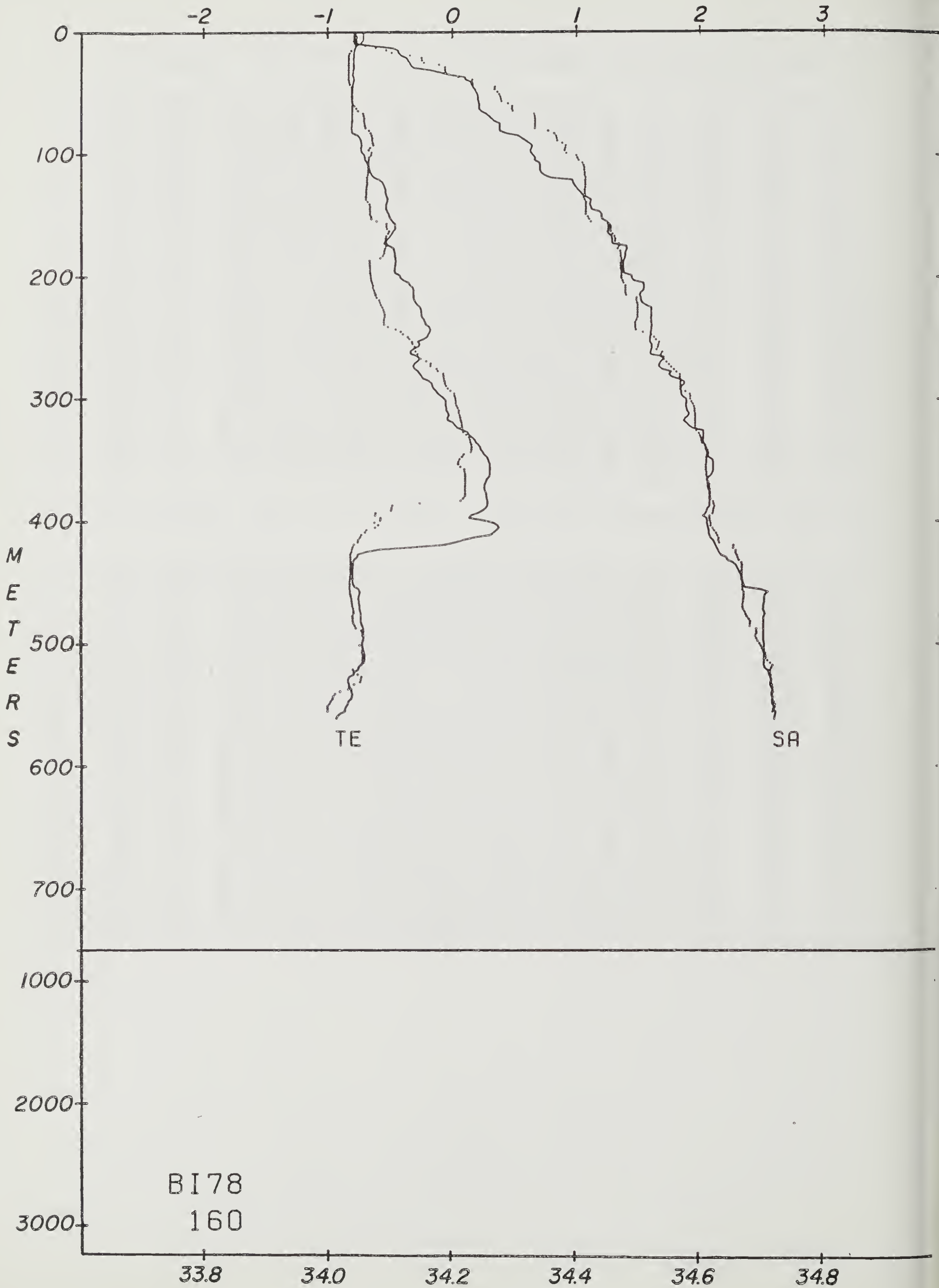


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	0.6S	170	22.3E	570	622	989.2	40	7	-2.2	0	0	0	1237	4FEB78	BI	78	1 159

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .737	- .737	1.128	34.043	27.388	29.782	32.146	36.786	69.98	0.000	1444.6	0
10	- .731	- .731	1.141	34.042	27.387	29.781	32.144	36.785	69.93	.007	1444.8	10
20	- .774	- .774	1.106	34.047	27.393	29.787	32.151	36.793	69.38	.014	1444.7	20
30	- .827	- .828	1.065	34.120	27.454	29.848	32.213	36.856	63.97	.021	1444.8	30
40	- .854	- .855	1.049	34.184	27.507	29.902	32.267	36.910	58.48	.027	1444.9	40
50	- .888	- .890	1.025	34.223	27.540	29.935	32.300	36.944	55.35	.032	1444.9	50
60	- .883	- .885	1.038	34.233	27.547	29.942	32.308	36.951	54.60	.038	1445.1	60
70	- .860	- .862	1.070	34.255	27.564	29.959	32.324	36.966	52.94	.043	1445.4	71
80	- .819	- .821	1.121	34.303	27.602	29.995	32.359	37.000	49.38	.048	1445.9	81
90	- .761	- .764	1.188	34.323	27.615	30.008	32.371	37.010	48.09	.053	1446.3	91
100	- .725	- .728	1.232	34.330	27.620	30.012	32.374	37.012	47.65	.058	1446.7	101
125	- .614	- .618	1.367	34.421	27.689	30.079	32.439	37.073	41.09	.069	1447.7	126
150	- .505	- .510	1.498	34.464	27.718	30.107	32.465	37.095	38.29	.079	1448.7	151
175	- .484	- .489	1.539	34.481	27.731	30.119	32.477	37.107	37.01	.088	1449.2	176
200	- .334	- .341	1.709	34.514	27.751	30.137	32.492	37.117	35.21	.098	1450.4	202
225	- .216	- .224	1.848	34.535	27.762	30.146	32.500	37.121	34.18	.106	1451.4	227
250	- .088	- .097	1.996	34.558	27.775	30.157	32.508	37.126	33.06	.115	1452.4	252
275	- .124	- .135	1.979	34.570	27.786	30.169	32.521	37.139	31.92	.123	1452.7	277
300	.031	.020	2.155	34.595	27.798	30.179	32.529	37.142	30.87	.131	1453.8	302
325	.186	.173	2.330	34.621	27.811	30.189	32.537	37.146	29.80	.138	1455.0	328
350	.323	.308	2.487	34.637	27.816	30.192	32.538	37.143	29.45	.146	1456.1	353
375	.365	.349	2.548	34.642	27.818	30.193	32.538	37.142	29.35	.153	1456.7	378
400	.431	.414	2.635	34.654	27.824	30.198	32.542	37.144	28.89	.160	1457.4	403
425	.499	.481	2.722	34.654	27.820	30.193	32.536	37.136	29.37	.167	1458.1	429
450	.199	.180	2.440	34.649	27.833	30.211	32.558	37.167	27.75	.175	1457.2	454
475	- .284	- .302	1.975	34.629	27.842	30.227	32.581	37.204	26.32	.181	1455.3	479
500	- .831	- .848	1.449	34.656	27.987	30.280	32.643	37.282	21.22	.187	1453.3	504
550	- .936	- .955	1.384	34.703	27.930	30.324	32.688	37.320	16.95	.197	1453.7	555
600	-1.149	-1.168	1.210	34.720	27.951	30.349	32.717	37.364	14.39	.205	1453.5	605
607	-1.157	-1.177	1.207	34.723	27.954	30.352	32.720	37.367	14.12	.206	1453.6	612

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	0.9S	170	21.8E	570	622	989.2	280	6	-2.2	0	0	0	1324	4FEB78	BI	78	2 159

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .778	- .778	1.087	34.042	27.389	29.783	32.148	36.789	69.80	0.000	1444.4	0
10	- .814	- .815	1.061	34.092	27.431	29.826	32.191	36.833	65.77	.007	1444.4	10
20	- .855	- .856	1.030	34.135	27.467	29.862	32.227	36.871	62.33	.013	1444.5	20
30	- .858	- .859	1.036	34.156	27.485	29.880	32.245	36.888	60.63	.019	1444.7	30
40	- .865	- .866	1.039	34.204	27.523	29.918	32.283	36.926	56.96	.025	1444.9	40
50	- .868	- .870	1.046	34.249	27.560	29.954	32.319	36.962	53.45	.031	1445.1	50
60	- .868	- .869	1.054	34.252	27.562	29.957	32.321	36.964	53.22	.036	1445.2	60
70	- .863	- .865	1.068	34.271	27.578	29.972	32.337	36.979	51.69	.041	1445.5	71
80	- .863	- .865	1.077	34.297	27.598	29.993	32.357	36.999	49.73	.046	1445.7	81
90	- .854	- .857	1.093	34.299	27.600	29.994	32.358	37.000	49.56	.051	1445.9	91
100	- .771	- .774	1.186	34.325	27.617	30.010	32.373	37.013	47.85	.056	1446.5	101
125	- .713	- .717	1.263	34.334	27.622	30.014	32.377	37.014	47.32	.068	1447.2	126
150	- .587	- .591	1.414	34.425	27.691	30.080	32.440	37.073	40.87	.079	1448.3	151
175	- .533	- .539	1.487	34.440	27.700	30.089	32.449	37.080	39.90	.089	1449.0	176
200	- .395	- .401	1.647	34.488	27.733	30.119	32.476	37.103	36.88	.099	1450.1	202
225	- .228	- .236	1.835	34.517	27.749	30.133	32.487	37.108	35.45	.109	1451.3	227
250	- .243	- .252	1.840	34.543	27.770	30.155	32.509	37.131	33.37	.116	1451.7	252
275	- .293	- .303	1.809	34.546	27.775	30.160	32.515	37.139	32.84	.125	1451.9	277
300	- .064	- .075	2.059	34.565	27.779	30.161	32.513	37.129	32.59	.133	1453.4	302
325	.188	.175	2.332	34.608	27.800	30.178	32.526	37.135	30.82	.141	1455.0	328
350	.230	.216	2.393	34.613	27.802	30.180	32.526	37.134	30.69	.149	1455.6	353
375	.250	.234	2.432	34.614	27.802	30.179	32.526	37.133	30.74	.156	1456.1	378
400	.306	.289	2.507	34.615	27.800	30.176	32.522	37.127	31.02	.164	1456.8	403
425	.426	.407	2.648	34.650	27.821	30.195	32.540	37.141	29.17	.171	1457.8	429
450	.422	.402	2.663	34.655	27.825	30.200	32.544	37.146	28.78	.179	1458.2	454
475	.151	.132	2.411	34.643	27.830	30.209	32.557	37.167	27.95	.186	1457.4	479
500	- .791	- .808	1.488	34.647	27.878	30.271	32.633	37.271	22.12	.192	1453.4	504
550	- .944	- .962	1.376	34.702	27.929	30.324	32.688	37.330	16.99	.202	1453.6	555
600	-1.059	-1.079	1.299	34.719	27.947	30.344	32.710	37.355	14.93	.210	1454.0	605
601	-1.056	-1.076	1.304	34.719	27.947	30.344	32.710	37.354	14.96	.210	1454.0	606

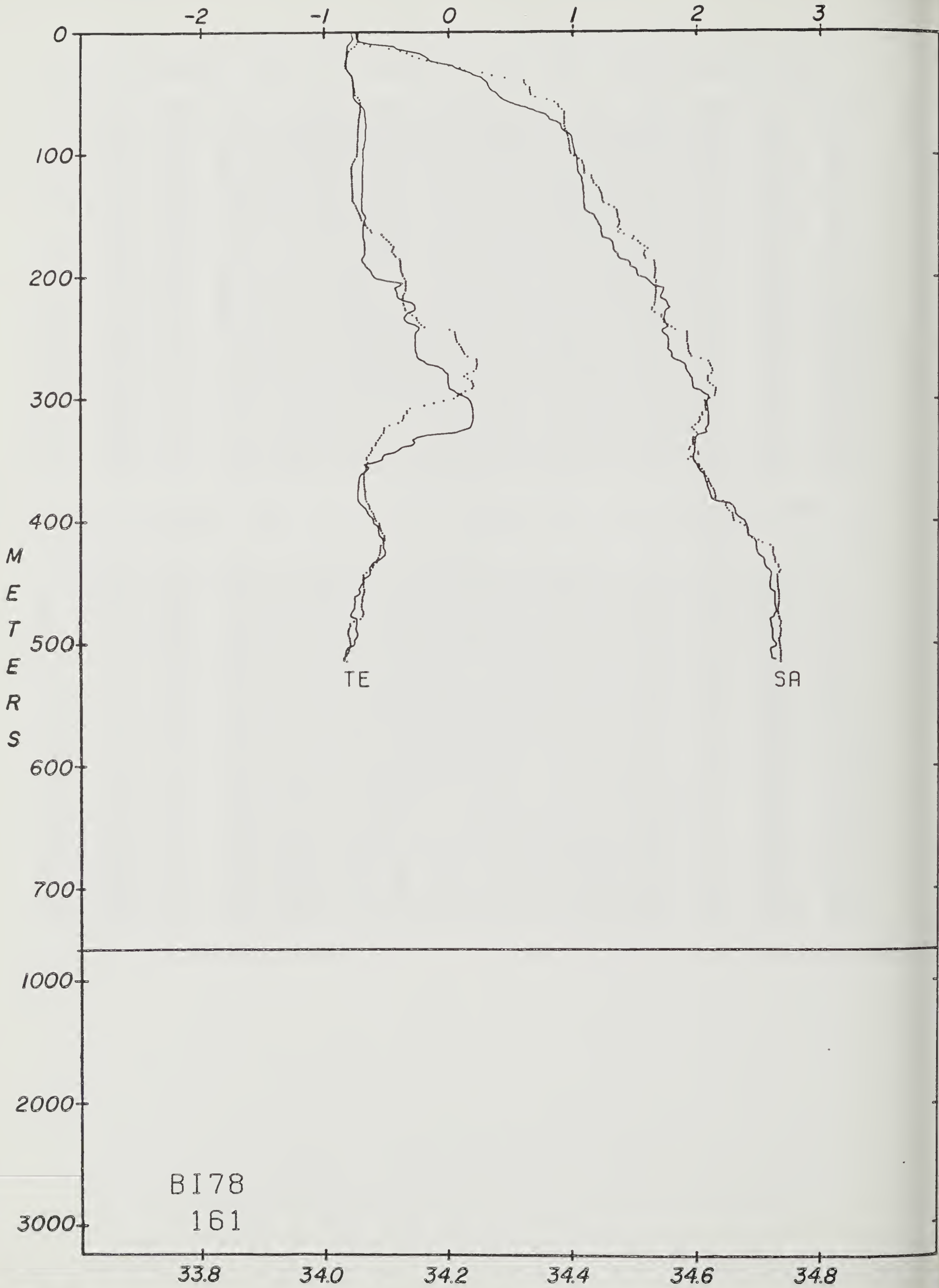


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	0.9S 170 21.8E	570	576	989.2	260	6	-2.2	0	0	0	0	1339	4FEB78	BI	78	1	160

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .698	- .698	1.167	34.046	27.389	29.782	32.145	36.785	69.79	0.000	1444.8	0
10	- .724	- .724	1.149	34.052	27.395	29.789	32.152	36.792	69.17	.007	1444.8	10
20	- .776	- .777	1.108	34.122	27.454	29.848	32.212	36.853	63.60	.014	1444.8	20
30	- .779	- .780	1.115	34.147	27.474	29.868	32.231	36.872	61.67	.020	1445.0	30
40	- .776	- .777	1.130	34.226	27.537	29.931	32.294	36.934	55.62	.026	1445.3	40
50	- .790	- .791	1.124	34.242	27.551	29.945	32.309	36.949	54.25	.031	1445.4	50
60	- .790	- .791	1.132	34.247	27.555	29.949	32.312	36.953	53.86	.037	1445.6	60
70	- .790	- .792	1.141	34.263	27.568	29.962	32.325	36.966	52.60	.042	1445.8	71
80	- .794	- .796	1.145	34.280	27.582	29.975	32.339	36.979	51.26	.047	1446.0	81
90	- .719	- .722	1.230	34.321	27.612	30.005	32.367	37.004	48.39	.052	1446.5	91
100	- .708	- .711	1.249	34.331	27.620	30.011	32.373	37.011	47.67	.057	1446.8	101
125	- .537	- .542	1.442	34.400	27.668	30.057	32.417	37.048	43.05	.068	1448.1	126
150	- .491	- .496	1.511	34.445	27.703	30.091	32.449	37.079	39.78	.079	1448.7	151
175	- .508	- .513	1.515	34.474	27.727	30.115	32.474	37.104	37.43	.088	1449.1	176
200	- .404	- .411	1.638	34.494	27.738	30.125	32.482	37.109	36.36	.097	1450.0	202
225	- .248	- .256	1.815	34.521	27.752	30.137	32.491	37.113	35.08	.106	1451.2	227
250	- .179	- .189	1.903	34.524	27.752	30.136	32.489	37.109	35.11	.115	1451.9	252
275	- .285	- .295	1.817	34.543	27.772	30.157	32.512	37.135	33.14	.124	1451.9	277
300	- .044	- .055	2.079	34.583	27.792	30.174	32.525	37.141	31.39	.132	1453.5	302
325	- .088	- .075	2.231	34.600	27.799	30.178	32.528	37.139	30.85	.140	1454.5	328
350	- .315	- .300	2.478	34.625	27.807	30.183	32.529	37.134	30.33	.147	1456.0	353
375	- .287	- .271	2.469	34.620	27.805	30.181	32.527	37.133	30.52	.155	1456.3	378
400	- .274	- .257	2.475	34.617	27.803	30.180	32.526	37.132	30.70	.162	1456.6	403
425	- .635	- .649	1.587	34.636	27.863	30.253	32.613	37.246	23.93	.169	1452.9	429
450	- .778	- .793	1.464	34.675	27.900	30.293	32.655	37.292	20.19	.175	1452.7	454
475	- .712	- .728	1.552	34.709	27.926	30.317	32.677	37.312	17.84	.180	1453.5	479
500	- .696	- .713	1.586	34.709	27.924	30.315	32.676	37.310	17.94	.184	1454.0	504
550	- .816	- .835	1.505	34.724	27.942	30.334	32.697	37.334	16.01	.193	1454.3	555
562	- .905	- .924	1.425	34.726	27.947	30.341	32.705	37.345	15.34	.194	1454.1	567

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	1.1S 170 21.3E	570	576	989.2	280	5	-2.2	0	0	0	0	1442	4FEB78	BI	78	2	160

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .786	- .786	1.079	34.048	27.394	29.788	32.153	36.795	69.31	0.000	1444.3	0
10	- .768	- .769	1.104	34.053	27.397	29.791	32.156	36.797	68.99	.007	1444.6	10
20	- .817	- .817	1.068	34.132	27.464	29.858	32.223	36.865	62.66	.013	1444.7	20
30	- .818	- .819	1.078	34.190	27.510	29.904	32.269	36.911	58.21	.020	1444.9	30
40	- .817	- .818	1.089	34.234	27.546	29.940	32.304	36.945	54.82	.025	1445.1	40
50	- .791	- .793	1.125	34.276	27.578	29.972	32.336	36.976	51.69	.031	1445.5	50
60	- .781	- .783	1.143	34.291	27.591	29.984	32.347	36.987	50.52	.036	1445.7	60
70	- .694	- .696	1.241	34.336	27.623	30.015	32.377	37.014	47.43	.041	1446.3	71
80	- .678	- .681	1.264	34.341	27.627	30.018	32.380	37.016	47.03	.045	1446.6	81
90	- .625	- .627	1.327	34.374	27.651	30.041	32.402	37.037	44.75	.050	1447.0	91
100	- .634	- .638	1.326	34.391	27.665	30.056	32.417	37.051	43.37	.054	1447.2	101
125	- .668	- .672	1.313	34.419	27.689	30.080	32.441	37.077	41.03	.065	1447.5	126
150	- .640	- .644	1.360	34.421	27.689	30.080	32.441	37.075	40.95	.075	1448.0	151
175	- .508	- .514	1.514	34.473	27.726	30.115	32.473	37.103	37.49	.085	1449.1	176
200	- .634	- .641	1.407	34.477	27.735	30.125	32.485	37.119	36.56	.094	1449.0	202
225	- .544	- .551	1.518	34.504	27.753	30.142	32.501	37.132	34.87	.103	1449.8	227
250	- .338	- .347	1.745	34.532	27.765	30.151	32.507	37.132	33.75	.112	1451.2	252
275	- .125	- .135	1.978	34.561	27.779	30.161	32.514	37.132	32.60	.120	1452.7	277
300	- .052	- .040	2.175	34.590	27.794	30.174	32.523	37.136	31.35	.128	1453.9	302
325	- .109	- .096	2.252	34.599	27.797	30.177	32.525	37.137	31.04	.136	1454.6	328
350	- .086	- .072	2.249	34.616	27.812	30.192	32.541	37.153	29.59	.143	1454.9	353
375	- .129	- .114	2.312	34.622	27.815	30.194	32.542	37.153	29.39	.151	1455.6	378
400	- .558	- .572	1.644	34.622	27.848	30.237	32.596	37.227	25.46	.158	1452.8	403
425	- .785	- .799	1.438	34.664	27.892	30.284	32.646	37.283	21.04	.163	1452.2	429
450	- .799	- .814	1.443	34.675	27.901	30.294	32.656	37.293	20.10	.168	1452.6	454
475	- .768	- .784	1.494	34.679	27.904	30.296	32.658	37.294	19.84	.173	1453.2	479
500	- .699	- .717	1.583	34.702	27.919	30.310	32.671	37.305	18.45	.178	1453.9	504
550	- .962	- .981	1.359	34.726	27.949	30.344	32.709	37.351	15.06	.187	1453.6	555
556	- .976	- .995	1.350	34.723	27.947	30.343	32.707	37.349	15.22	.188	1453.6	561

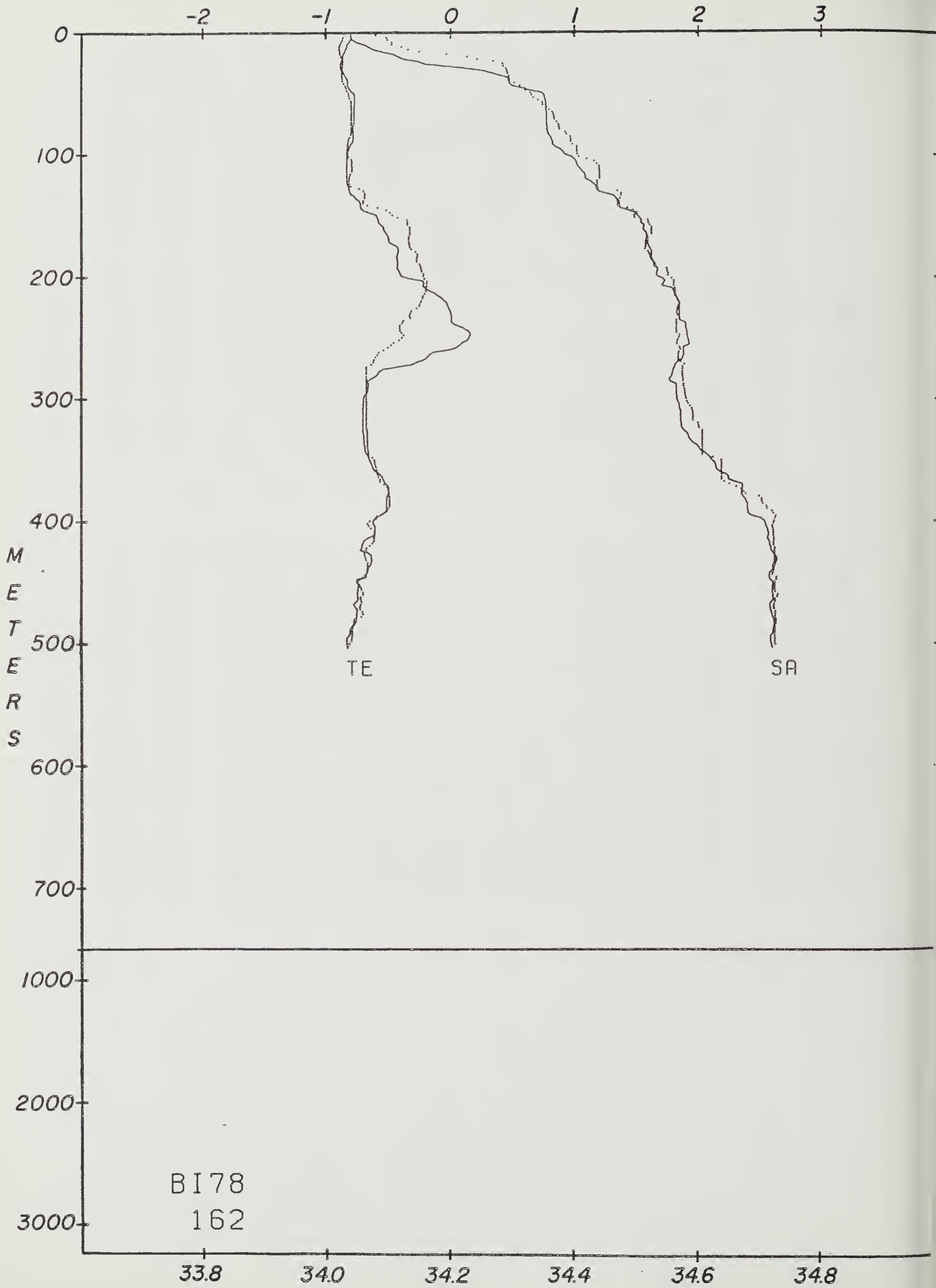


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	1. 1S	170	21. 3E	570	528	989.2	280	5	-2.2	0	0	1448	4FEB78	BI	78	1	161

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .775	- .775	1. 090	34. 053	27. 398	29. 792	32. 156	36. 798	68. 97	0. 000	1444. 4	0
10	- .791	- .791	1. 083	34. 080	27. 420	29. 814	32. 179	36. 821	66. 81	. 007	1444. 5	10
20	- .812	- .813	1. 074	34. 162	27. 487	29. 881	32. 246	36. 888	60. 41	. 013	1444. 7	20
30	- .811	- .812	1. 086	34. 214	27. 529	29. 923	32. 287	36. 929	56. 44	. 019	1445. 0	30
40	- .759	- .760	1. 148	34. 260	27. 564	29. 957	32. 320	36. 960	53. 09	. 024	1445. 4	40
50	- .756	- .757	1. 160	34. 277	27. 578	29. 971	32. 334	36. 973	51. 71	. 030	1445. 6	50
60	- .700	- .702	1. 225	34. 310	27. 602	29. 994	32. 356	36. 994	49. 41	. 035	1446. 1	60
70	- .660	- .662	1. 276	34. 362	27. 643	30. 034	32. 395	37. 031	45. 57	. 040	1446. 5	70
80	- .656	- .659	1. 289	34. 384	27. 661	30. 052	32. 413	37. 048	43. 85	. 044	1446. 7	80
90	- .663	- .666	1. 290	34. 401	27. 675	30. 066	32. 427	37. 062	42. 51	. 048	1446. 9	90
100	- .678	- .681	1. 283	34. 406	27. 679	30. 070	32. 431	37. 067	42. 08	. 053	1447. 0	100
125	- .684	- .687	1. 297	34. 419	27. 690	30. 081	32. 442	37. 078	40. 99	. 063	1447. 4	125
150	- .661	- .666	1. 340	34. 437	27. 704	30. 095	32. 456	37. 091	39. 59	. 073	1447. 9	150
175	- .664	- .670	1. 357	34. 468	27. 728	30. 119	32. 460	37. 115	37. 20	. 083	1448. 4	175
200	- .592	- .598	1. 452	34. 510	27. 760	30. 149	32. 509	37. 141	34. 23	. 092	1449. 2	200
225	- .263	- .272	1. 801	34. 557	27. 782	30. 167	32. 521	37. 144	32. 25	. 100	1451. 2	225
250	- .261	- .270	1. 823	34. 557	27. 782	30. 167	32. 521	37. 143	32. 21	. 108	1451. 6	250
275	- .054	- .064	2. 051	34. 586	27. 795	30. 177	32. 528	37. 144	31. 13	. 116	1453. 0	275
300	- .161	- .148	2. 286	34. 621	27. 812	30. 190	32. 538	37. 148	29. 70	. 123	1454. 5	300
325	- .148	- .135	2. 293	34. 617	27. 810	30. 188	32. 537	37. 146	29. 90	. 131	1454. 8	325
350	- .532	- .545	1. 630	34. 597	27. 827	30. 216	32. 574	37. 204	27. 58	. 138	1452. 1	350
375	- .719	- .731	1. 464	34. 622	27. 855	30. 247	32. 608	37. 243	24. 69	. 145	1451. 7	375
400	- .595	- .609	1. 609	34. 680	27. 897	30. 287	32. 646	37. 277	20. 83	. 150	1452. 7	400
425	- .500	- .515	1. 725	34. 700	27. 909	30. 297	32. 655	37. 283	19. 78	. 155	1453. 6	425
450	- .679	- .695	1. 566	34. 721	27. 934	30. 324	32. 684	37. 318	17. 20	. 160	1453. 2	450
475	- .771	- .787	1. 494	34. 729	27. 944	30. 336	32. 698	37. 334	16. 02	. 164	1453. 2	475
500	- .751	- .768	1. 533	34. 731	27. 944	30. 336	32. 697	37. 333	15. 98	. 168	1453. 7	500
513	- .828	- .846	1. 465	34. 730	27. 947	30. 340	32. 702	37. 340	15. 58	. 170	1453. 6	517

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
71	1. 4S	170	20. 8E	570	528	989.2	290	5	-2.2	0	0	1529	4FEB78	BI	78	2	161

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .718	- .718	1. 148	34. 055	27. 397	29. 790	32. 154	36. 794	69. 03	0. 000	1444. 7	0
10	- .731	- .731	1. 142	34. 067	27. 407	29. 800	32. 164	36. 804	68. 05	. 007	1444. 8	10
20	- .805	- .806	1. 080	34. 144	27. 472	29. 866	32. 231	36. 873	61. 83	. 013	1444. 7	20
30	- .817	- .818	1. 080	34. 218	27. 533	29. 927	32. 291	36. 932	56. 10	. 019	1444. 9	30
40	- .759	- .760	1. 152	34. 318	27. 611	30. 004	32. 367	37. 006	48. 63	. 024	1445. 5	40
50	- .743	- .744	1. 176	34. 333	27. 623	30. 015	32. 378	37. 016	47. 48	. 029	1445. 8	50
60	- .700	- .701	1. 230	34. 378	27. 657	30. 049	32. 411	37. 047	44. 22	. 034	1446. 2	60
70	- .709	- .711	1. 229	34. 388	27. 666	30. 057	32. 419	37. 056	43. 38	. 038	1446. 3	70
80	- .717	- .719	1. 228	34. 390	27. 668	30. 060	32. 422	37. 059	43. 13	. 043	1446. 5	80
90	- .720	- .722	1. 234	34. 396	27. 673	30. 065	32. 427	37. 064	42. 67	. 047	1446. 6	90
100	- .725	- .728	1. 236	34. 400	27. 676	30. 068	32. 430	37. 067	42. 32	. 051	1446. 8	100
125	- .765	- .768	1. 218	34. 438	27. 709	30. 101	32. 464	37. 102	39. 17	. 061	1447. 1	125
150	- .699	- .704	1. 304	34. 475	27. 735	30. 127	32. 488	37. 124	36. 58	. 071	1447. 8	150
175	- .441	- .447	1. 584	34. 515	27. 757	30. 144	32. 501	37. 129	34. 65	. 080	1449. 5	175
200	- .354	- .361	1. 690	34. 535	27. 769	30. 155	32. 510	37. 136	33. 52	. 088	1450. 3	200
225	- .344	- .352	1. 720	34. 532	27. 767	30. 152	32. 508	37. 133	33. 68	. 097	1450. 8	225
250	- .070	- .060	2. 155	34. 587	27. 790	30. 169	32. 519	37. 131	31. 73	. 105	1453. 2	250
275	- .234	- .223	2. 341	34. 626	27. 812	30. 189	32. 536	37. 143	29. 73	. 112	1454. 4	275
300	- .043	- .031	2. 168	34. 623	27. 820	30. 200	32. 550	37. 163	28. 83	. 120	1453. 9	300
325	- .506	- .517	1. 637	34. 596	27. 825	30. 214	32. 572	37. 201	27. 82	. 127	1451. 8	325
350	- .646	- .658	1. 515	34. 591	27. 827	30. 217	32. 577	37. 211	27. 50	. 134	1451. 5	350
375	- .661	- .674	1. 522	34. 630	27. 859	30. 250	32. 610	37. 244	24. 37	. 140	1451. 9	375
400	- .567	- .581	1. 637	34. 664	27. 883	30. 272	32. 631	37. 261	22. 21	. 146	1452. 8	400
425	- .539	- .555	1. 687	34. 726	27. 932	30. 320	32. 678	37. 308	17. 62	. 151	1453. 5	425
450	- .673	- .688	1. 573	34. 733	27. 943	30. 324	32. 694	37. 327	16. 32	. 155	1453. 3	450
475	- .676	- .692	1. 589	34. 734	27. 944	30. 325	32. 695	37. 328	16. 16	. 159	1453. 7	475
500	- .779	- .796	1. 505	34. 737	27. 951	30. 343	32. 704	37. 341	15. 35	. 163	1453. 6	500
515	- .805	- .822	1. 491	34. 739	27. 953	30. 346	32. 708	37. 345	15. 02	. 166	1453. 8	520



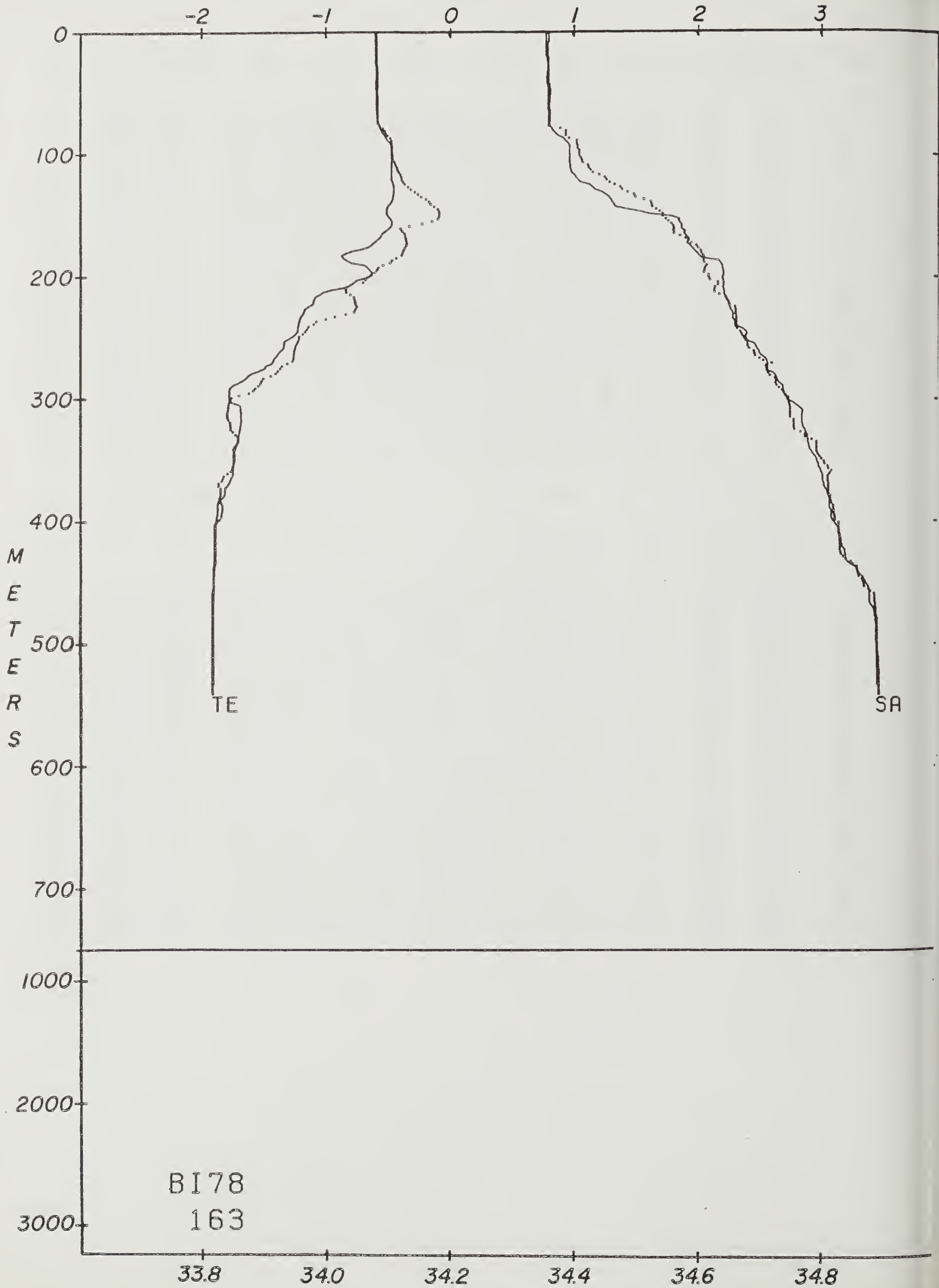
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
71	1.4S	170	20.8E	570	513	989.2	290	5	-2.2	0	0	0	1531	4FEB78	BI	78	1 162

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-775	-775	1.089	34.043	27.390	29.784	32.148	36.790	67.73	0.000	1444.4	0
10	-810	-810	1.063	34.068	27.411	29.806	32.171	36.813	67.67	.007	1444.4	10
20	-845	-846	1.039	34.120	27.455	29.850	32.215	36.858	63.48	.013	1444.5	20
30	-858	-859	1.040	34.222	27.546	29.941	32.305	36.948	54.82	.019	1444.8	30
40	-806	-807	1.104	34.299	27.598	29.991	32.355	36.995	49.89	.025	1445.3	40
50	-761	-762	1.159	34.351	27.638	30.031	32.394	37.032	46.05	.029	1445.7	50
60	-750	-752	1.178	34.358	27.643	30.036	32.398	37.037	45.54	.034	1445.9	60
70	-754	-756	1.182	34.359	27.644	30.037	32.399	37.038	45.41	.039	1446.1	71
80	-760	-762	1.184	34.360	27.646	30.038	32.401	37.040	45.26	.043	1446.2	81
90	-767	-769	1.185	34.368	27.652	30.045	32.408	37.046	44.60	.048	1446.4	91
100	-808	-811	1.152	34.390	27.671	30.064	32.428	37.068	42.77	.052	1446.4	101
125	-804	-808	1.178	34.437	27.709	30.102	32.465	37.105	39.07	.062	1446.9	126
150	-579	-583	1.427	34.506	27.755	30.145	32.504	37.136	34.75	.071	1448.4	151
175	-423	-429	1.603	34.524	27.763	30.150	32.507	37.134	34.03	.080	1449.6	176
200	-364	-371	1.681	34.539	27.773	30.159	32.515	37.140	33.14	.088	1450.3	202
225	-002	-007	2.067	34.574	27.783	30.164	32.514	37.128	32.35	.097	1452.4	227
250	-169	-159	2.254	34.587	27.785	30.163	32.511	37.120	32.29	.105	1453.6	252
275	-462	-471	1.642	34.565	27.798	30.186	32.543	37.172	30.52	.112	1451.1	277
300	-680	-690	1.443	34.570	27.812	30.203	32.564	37.198	28.99	.120	1450.5	302
325	-685	-695	1.458	34.579	27.819	30.210	32.571	37.206	28.23	.127	1450.9	328
350	-632	-643	1.532	34.626	27.855	30.244	32.604	37.237	24.92	.134	1451.7	353
375	-478	-492	1.707	34.675	27.888	30.275	32.633	37.260	21.91	.140	1452.9	378
400	-604	-618	1.603	34.711	27.923	30.312	32.671	37.302	18.43	.145	1452.7	403
425	-677	-692	1.549	34.723	27.935	30.326	32.686	37.319	17.09	.149	1452.8	429
450	-732	-747	1.514	34.725	27.939	30.330	32.691	37.326	16.65	.153	1453.0	454
475	-736	-752	1.528	34.722	27.937	30.329	32.690	37.325	16.74	.157	1453.4	479
500	-817	-834	1.466	34.722	27.940	30.333	32.695	37.333	16.30	.162	1453.4	504
504	-809	-826	1.477	34.724	27.941	30.334	32.696	37.334	16.16	.162	1453.5	508

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
71	1.6S	170	20.3E	570	513	989.8	280	5	-2.2	0	0	0	1611	4FEB78	BI	78	2 162

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.82	-0.82	1.05	34.044	27.39	29.79							0	162
287	-0.67	-0.68	1.44	34.579	27.82	30.21							0	162

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-800	-800	1.066	34.067	27.410	29.805	32.169	36.811	67.81	0.000	1444.3	0
10	-868	-868	1.008	34.114	27.451	29.846	32.212	36.855	63.91	.007	1444.2	10
20	-860	-861	1.030	34.228	27.542	29.937	32.302	36.944	55.22	.013	1444.6	20
30	-850	-851	1.052	34.293	27.594	29.989	32.353	36.995	50.24	.018	1444.9	30
40	-846	-848	1.063	34.299	27.599	29.994	32.358	36.999	49.74	.023	1445.1	40
50	-800	-801	1.119	34.331	27.623	30.016	32.380	37.020	47.45	.028	1445.5	50
60	-774	-776	1.154	34.354	27.641	30.034	32.397	37.036	45.71	.032	1445.8	60
70	-772	-774	1.164	34.371	27.654	30.047	32.410	37.049	44.45	.037	1446.0	71
80	-773	-775	1.172	34.383	27.664	30.057	32.420	37.059	43.49	.041	1446.2	81
90	-802	-805	1.151	34.399	27.678	30.071	32.434	37.074	42.14	.046	1446.2	91
100	-806	-809	1.156	34.409	27.687	30.080	32.444	37.083	41.26	.050	1446.4	101
125	-782	-786	1.200	34.441	27.712	30.104	32.467	37.106	38.97	.060	1447.0	126
150	-444	-449	1.561	34.501	27.746	30.133	32.490	37.119	35.69	.069	1449.0	151
175	-308	-314	1.717	34.519	27.754	30.139	32.495	37.118	34.97	.078	1450.1	176
200	-193	-201	1.853	34.556	27.778	30.161	32.515	37.135	32.71	.086	1451.1	202
225	-241	-249	1.825	34.572	27.794	30.178	32.532	37.153	31.20	.094	1451.3	227
250	-371	-380	1.713	34.573	27.801	30.187	32.543	37.169	30.38	.102	1451.1	252
275	-659	-668	1.446	34.579	27.818	30.209	32.569	37.203	28.50	.109	1450.2	277
300	-659	-669	1.465	34.585	27.823	30.213	32.574	37.207	28.00	.116	1450.6	302
325	-653	-664	1.491	34.608	27.841	30.232	32.592	37.225	26.19	.123	1451.1	328
350	-593	-605	1.572	34.642	27.866	30.256	32.615	37.246	23.86	.129	1451.9	353
375	-479	-493	1.706	34.676	27.889	30.277	32.634	37.262	21.79	.135	1452.9	378
400	-632	-646	1.576	34.727	27.937	30.326	32.686	37.318	17.10	.140	1452.6	403
425	-670	-685	1.556	34.728	27.939	30.329	32.689	37.322	16.78	.144	1452.9	429
450	-726	-741	1.520	34.729	27.942	30.334	32.694	37.329	16.34	.148	1453.0	454
475	-686	-703	1.578	34.729	27.940	30.331	32.691	37.325	16.50	.153	1453.6	479
500	-795	-812	1.489	34.729	27.945	30.337	32.699	37.336	15.89	.157	1453.5	504
501	-801	-818	1.483	34.729	27.945	30.338	32.700	37.337	15.83	.157	1453.5	505



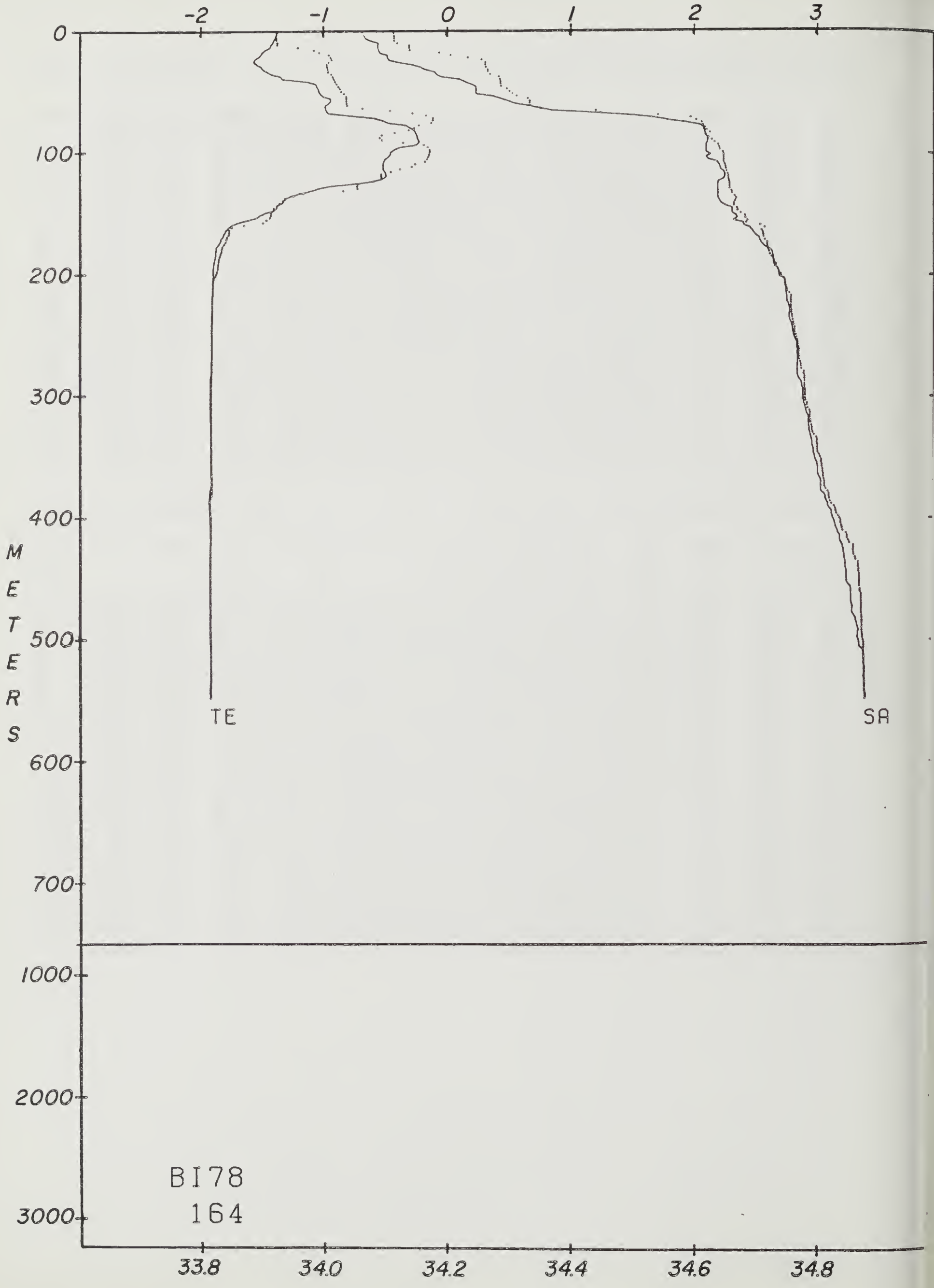
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
72 29.1S	172 36.3E	570	546	992.2	210	6	-0.1	0	0	0	1622	5FEB78	BI	78	1	163

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-597	-597	1.286	34.356	27.635	30.025	32.386	37.019	46.48	0.000	1445.7	0
10	-597	-597	1.294	34.356	27.635	30.025	32.386	37.019	46.45	.005	1445.8	10
20	-596	-597	1.302	34.356	27.636	30.026	32.386	37.020	46.39	.009	1446.0	20
30	-591	-592	1.314	34.359	27.638	30.027	32.388	37.021	46.19	.014	1446.2	30
40	-593	-594	1.320	34.357	27.636	30.026	32.386	37.020	46.31	.019	1446.3	40
50	-591	-593	1.329	34.359	27.638	30.027	32.388	37.021	46.14	.023	1446.5	50
60	-591	-592	1.338	34.359	27.637	30.027	32.388	37.021	46.11	.028	1446.7	60
70	-581	-583	1.355	34.360	27.638	30.028	32.388	37.021	46.05	.032	1446.9	71
80	-558	-561	1.386	34.365	27.641	30.030	32.390	37.022	45.75	.037	1447.2	81
90	-498	-500	1.455	34.387	27.656	30.045	32.403	37.034	44.30	.041	1447.6	91
100	-468	-471	1.493	34.394	27.660	30.048	32.407	37.036	43.88	.046	1448.0	101
125	-456	-460	1.525	34.419	27.680	30.068	32.426	37.053	41.97	.057	1448.5	126
150	-507	-512	1.499	34.529	27.771	30.159	32.517	37.147	33.32	.066	1448.8	151
175	-626	-632	1.403	34.586	27.822	30.212	32.572	37.204	28.38	.074	1448.7	176
200	-627	-633	1.424	34.642	27.868	30.257	32.617	37.249	24.03	.080	1449.2	202
225	-1.124	-1.130	.947	34.651	27.895	30.292	32.659	37.306	21.10	.086	1447.3	227
250	-1.270	-1.277	.821	34.678	27.921	30.320	32.690	37.341	18.40	.091	1447.1	252
275	-1.491	-1.498	.621	34.713	27.957	30.359	32.732	37.390	14.77	.095	1446.5	277
300	-1.778	-1.785	.355	34.744	27.990	30.397	32.774	37.440	11.29	.098	1445.6	302
325	-1.689	-1.697	.465	34.772	28.011	30.416	32.792	37.455	9.28	.101	1446.5	328
350	-1.742	-1.750	.432	34.793	28.029	30.435	32.811	37.476	7.39	.103	1446.7	353
375	-1.811	-1.820	.383	34.809	28.043	30.451	32.828	37.495	5.82	.105	1446.8	378
400	-1.880	-1.890	.333	34.819	28.054	30.463	32.840	37.509	4.61	.106	1446.9	403
425	-1.885	-1.896	.348	34.839	28.070	30.479	32.857	37.525	2.95	.107	1447.3	429
450	-1.901	-1.912	.353	34.872	28.097	30.506	32.884	37.553	.25	.107	1447.7	454
475	-1.906	-1.917	.368	34.887	28.110	30.518	32.897	37.566	-1.06	.107	1448.1	479
500	-1.906	-1.918	.387	34.891	28.112	30.521	32.899	37.568	-1.45	.107	1448.6	504
534	-1.906	-1.919	.413	34.892	28.114	30.522	32.900	37.570	-1.74	.106	1449.1	539

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
72 29.1S	172 36.3E	570	546	992.2	200	5	1.7	0	0	0	1728	5FEB78	BI	78	2	163

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.61	-0.61	1.27	34.371	27.65	30.04		67		-0.31			0	163
533	-1.90	-1.91	0.42	34.899	28.12	30.53		72		-0.42			0	163

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-587	-587	1.296	34.361	27.639	30.029	32.389	37.022	46.13	0.000	1445.7	0
10	-587	-587	1.304	34.359	27.638	30.028	32.388	37.021	46.23	.005	1445.9	10
20	-587	-587	1.311	34.359	27.637	30.027	32.387	37.021	46.23	.009	1446.0	20
30	-585	-586	1.321	34.360	27.638	30.028	32.388	37.021	46.14	.014	1446.2	30
40	-581	-582	1.332	34.360	27.638	30.028	32.388	37.021	46.13	.018	1446.4	40
50	-585	-587	1.336	34.363	27.640	30.030	32.390	37.024	45.86	.023	1446.5	50
60	-581	-583	1.347	34.361	27.639	30.029	32.388	37.022	46.00	.028	1446.7	60
70	-581	-583	1.355	34.362	27.640	30.029	32.390	37.023	45.90	.032	1446.9	71
80	-539	-542	1.405	34.375	27.648	30.037	32.397	37.028	45.09	.037	1447.3	81
90	-468	-471	1.486	34.405	27.669	30.057	32.415	37.045	43.07	.041	1447.8	91
100	-462	-466	1.499	34.410	27.673	30.061	32.419	37.048	42.68	.046	1448.0	101
125	-365	-369	1.619	34.463	27.711	30.097	32.454	37.080	39.04	.056	1448.9	126
150	-081	-087	1.926	34.543	27.762	30.144	32.496	37.113	34.31	.065	1450.8	151
175	-348	-354	1.681	34.594	27.817	30.202	32.558	37.182	29.04	.073	1450.0	176
200	-632	-639	1.417	34.616	27.847	30.236	32.596	37.229	26.01	.080	1449.2	202
225	-751	-758	1.320	34.656	27.884	30.275	32.637	37.273	22.36	.086	1449.1	227
250	-1.210	-1.217	.881	34.673	27.915	30.314	32.682	37.332	18.99	.091	1447.4	252
275	-1.363	-1.371	.748	34.710	27.951	30.351	32.722	37.376	15.45	.095	1447.1	277
300	-1.757	-1.764	.376	34.746	27.991	30.398	32.775	37.440	11.16	.099	1445.7	302
325	-1.763	-1.771	.389	34.757	28.000	30.407	32.783	37.449	10.21	.101	1446.1	328
350	-1.734	-1.742	.440	34.801	28.036	30.442	32.818	37.482	6.77	.103	1446.8	353
375	-1.846	-1.855	.348	34.812	28.047	30.455	32.833	37.500	5.43	.105	1446.7	378
400	-1.856	-1.866	.357	34.825	28.058	30.466	32.844	37.511	4.28	.106	1447.0	403
425	-1.894	-1.904	.339	34.832	28.064	30.473	32.851	37.520	3.49	.107	1447.3	429
450	-1.899	-1.910	.355	34.869	28.095	30.503	32.881	37.550	.51	.109	1447.7	454
475	-1.910	-1.921	.364	34.890	28.112	30.521	32.899	37.568	-1.29	.107	1448.1	479
500	-1.910	-1.922	.383	34.891	28.113	30.522	32.900	37.569	-1.53	.107	1448.6	504
542	-1.906	-1.920	.419	34.895	28.116	30.524	32.903	37.572	-2.02	.106	1449.3	547



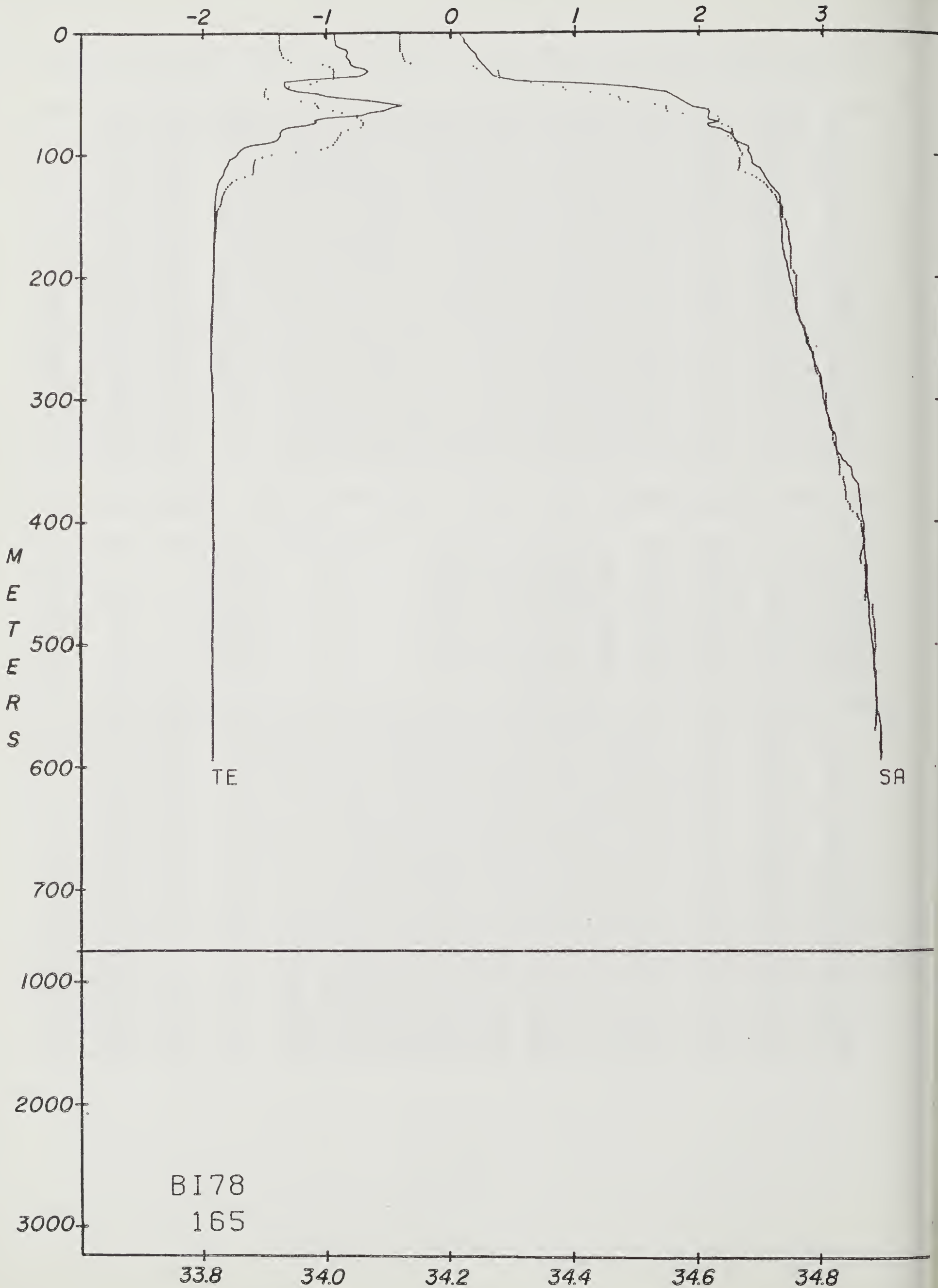
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 12.2S	170 47.5E	570	564	983.4	200	8	-0.8	2		0	0	921	6FEB78	BI	78	1	164

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.362	-1.362	.504	34.062	27.426	29.829	32.202	36.861	66.35	0.000	1441.7	0
10	-1.404	-1.405	.470	34.091	27.451	29.854	32.228	36.889	63.92	.007	1441.7	10
20	-1.501	-1.502	.382	34.103	27.463	29.868	32.243	36.906	62.73	.013	1441.4	20
30	-1.497	-1.498	.397	34.157	27.506	29.911	32.286	36.949	58.51	.019	1441.7	30
40	-1.286	-1.287	.619	34.214	27.546	29.947	32.319	36.974	54.75	.025	1442.9	40
50	-1.024	-1.025	.891	34.249	27.566	29.963	32.330	36.977	52.87	.030	1444.3	50
60	-.951	-.953	.975	34.314	27.615	30.011	32.377	37.022	48.14	.035	1444.9	60
70	-.762	-.764	1.182	34.505	27.762	30.154	32.516	37.154	34.26	.039	1446.3	71
80	-.286	-.289	1.672	34.615	27.830	30.214	32.569	37.191	27.94	.042	1448.8	81
90	-.220	-.223	1.746	34.624	27.835	30.218	32.572	37.192	27.50	.045	1449.3	91
100	-.444	-.447	1.530	34.623	27.844	30.231	32.588	37.215	26.52	.048	1448.4	101
125	-.667	-.671	1.327	34.640	27.868	30.258	32.618	37.252	24.15	.054	1447.8	126
150	-1.458	-1.462	.556	34.666	27.917	30.320	32.692	37.349	19.08	.059	1444.6	151
175	-1.837	-1.840	.199	34.713	27.966	30.374	32.752	37.420	14.16	.064	1443.2	176
200	-1.884	-1.889	.172	34.740	27.990	30.398	32.777	37.446	11.76	.067	1443.5	202
225	-1.889	-1.894	.187	34.756	28.003	30.411	32.790	37.459	10.42	.070	1443.9	227
250	-1.894	-1.900	.202	34.764	28.009	30.418	32.796	37.466	9.65	.072	1444.3	252
275	-1.899	-1.905	.216	34.770	28.014	30.423	32.802	37.472	9.01	.074	1444.7	277
300	-1.910	-1.917	.225	34.779	28.022	30.431	32.810	37.479	8.15	.077	1445.1	302
325	-1.904	-1.912	.250	34.788	28.029	30.438	32.817	37.486	7.32	.079	1445.5	328
350	-1.904	-1.912	.270	34.798	28.037	30.446	32.825	37.494	6.46	.080	1446.0	353
375	-1.906	-1.915	.287	34.808	28.045	30.454	32.833	37.503	5.53	.082	1446.4	378
400	-1.914	-1.923	.300	34.827	28.061	30.470	32.849	37.519	3.88	.083	1446.8	403
425	-1.909	-1.919	.324	34.844	28.074	30.483	32.861	37.531	2.53	.084	1447.2	429
450	-1.914	-1.923	.338	34.849	28.079	30.488	32.866	37.536	1.95	.084	1447.6	454
475	-1.914	-1.926	.358	34.858	28.086	30.495	32.874	37.543	1.13	.085	1448.1	479
500	-1.914	-1.926	.378	34.868	28.094	30.503	32.881	37.551	.27	.085	1448.5	504
547	-1.909	-1.923	.419	34.879	28.103	30.512	32.890	37.560	-.84	.085	1449.3	552

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 11.9S	170 44.1E	570	564	983.4	200	9	-2.2	2		0	0	1040	6FEB78	BI	78	2	164

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.38	-1.38	0.49	34.140	27.49	29.89		60		-0.23		C7	0	164
25	-0.99	-0.99	0.91	34.257	27.57	29.97		63		-0.21			0	164
58	-0.80	-0.80	1.12	34.294	27.59	29.99		62		-0.17		C7	0	164
90	-0.40	-0.40	1.57	34.615	27.84	30.22		83		-0.13		C7	0	164
123	-1.10	-1.10	0.89	34.648	27.89	30.29		85		-0.22		A13	0	164
153	-1.43	-1.43	0.59	34.652	27.91	30.31		78		-0.24		C7	0	164
183	-1.85	-1.85	0.19	34.724	27.98	30.38		74		-0.29			0	164
250	-1.90	-1.91	0.20	34.761	28.01	30.42		72		-0.34		C7	0	164
285	-1.90	-1.91	0.22	34.769	28.01	30.42		72		-0.37			0	164
328	-1.91	-1.92	0.25	34.795	28.03	30.44		76		-0.37		C8	0	164
370	-1.90	-1.91	0.29	34.814	28.05	30.46		76				C7	0	164

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.372	-1.372	.497	34.115	27.469	29.872	32.245	36.904	62.25	0.000	1441.7	0
10	-1.362	-1.363	.515	34.125	27.477	29.880	32.253	36.911	61.44	.006	1441.9	10
20	-.947	-.947	.943	34.211	27.532	29.928	32.295	36.940	56.15	.012	1444.2	20
30	-.957	-.958	.943	34.266	27.577	29.973	32.339	36.984	51.93	.017	1444.4	30
40	-.902	-.903	1.007	34.288	27.593	29.988	32.353	36.996	50.38	.023	1444.8	40
50	-.841	-.843	1.076	34.303	27.603	29.997	32.361	37.003	49.39	.028	1445.3	50
60	-.797	-.799	1.129	34.336	27.628	30.021	32.384	37.024	47.01	.032	1445.7	60
70	-.161	-.164	1.765	34.536	27.760	30.143	32.496	37.116	34.56	.036	1449.1	71
80	-.256	-.259	1.702	34.619	27.832	30.216	32.570	37.191	27.76	.040	1448.9	81
90	-.476	-.479	1.491	34.630	27.851	30.239	32.596	37.224	25.87	.042	1448.1	91
100	-.126	-.130	1.849	34.649	27.850	30.231	32.583	37.201	26.08	.045	1449.9	101
125	-.636	-.640	1.359	34.660	27.882	30.272	32.631	37.264	22.81	.051	1448.0	126
150	-1.406	-1.410	.609	34.679	27.926	30.328	32.699	37.354	18.25	.056	1444.8	151
175	-1.789	-1.793	.247	34.721	27.972	30.379	32.756	37.423	13.65	.060	1443.5	176
200	-1.858	-1.862	.199	34.743	27.992	30.400	32.778	37.446	11.62	.063	1443.6	202
225	-1.891	-1.896	.185	34.760	28.006	30.415	32.793	37.463	10.09	.066	1443.9	227
250	-1.894	-1.900	.202	34.768	28.012	30.421	32.799	37.469	9.35	.068	1444.3	252
275	-1.894	-1.900	.221	34.776	28.019	30.428	32.806	37.476	8.56	.071	1444.7	277
300	-1.899	-1.906	.236	34.783	28.025	30.434	32.812	37.482	7.88	.073	1445.1	302
325	-1.899	-1.907	.255	34.793	28.033	30.442	32.820	37.490	6.95	.075	1445.6	328
350	-1.899	-1.907	.276	34.807	28.044	30.453	32.832	37.501	5.77	.076	1446.0	353
375	-1.895	-1.904	.299	34.815	28.051	30.459	32.837	37.507	5.05	.077	1446.4	378
400	-1.904	-1.913	.310	34.838	28.070	30.478	32.857	37.526	3.11	.079	1446.8	403
425	-1.906	-1.917	.328	34.850	28.088	30.496	32.875	37.544	1.29	.079	1447.3	429
450	-1.909	-1.920	.345	34.870	28.096	30.504	32.883	37.552	.38	.079	1447.7	454
475	-1.909	-1.920	.364	34.873	28.098	30.507	32.885	37.555	.01	.079	1448.1	479
500	-1.903	-1.916	.389	34.876	28.100	30.509	32.887	37.556	-.31	.079	1448.6	504
548	-1.908	-1.922	.421	34.879	28.103	30.512	32.890	37.560	-.84	.079	1449.3	553



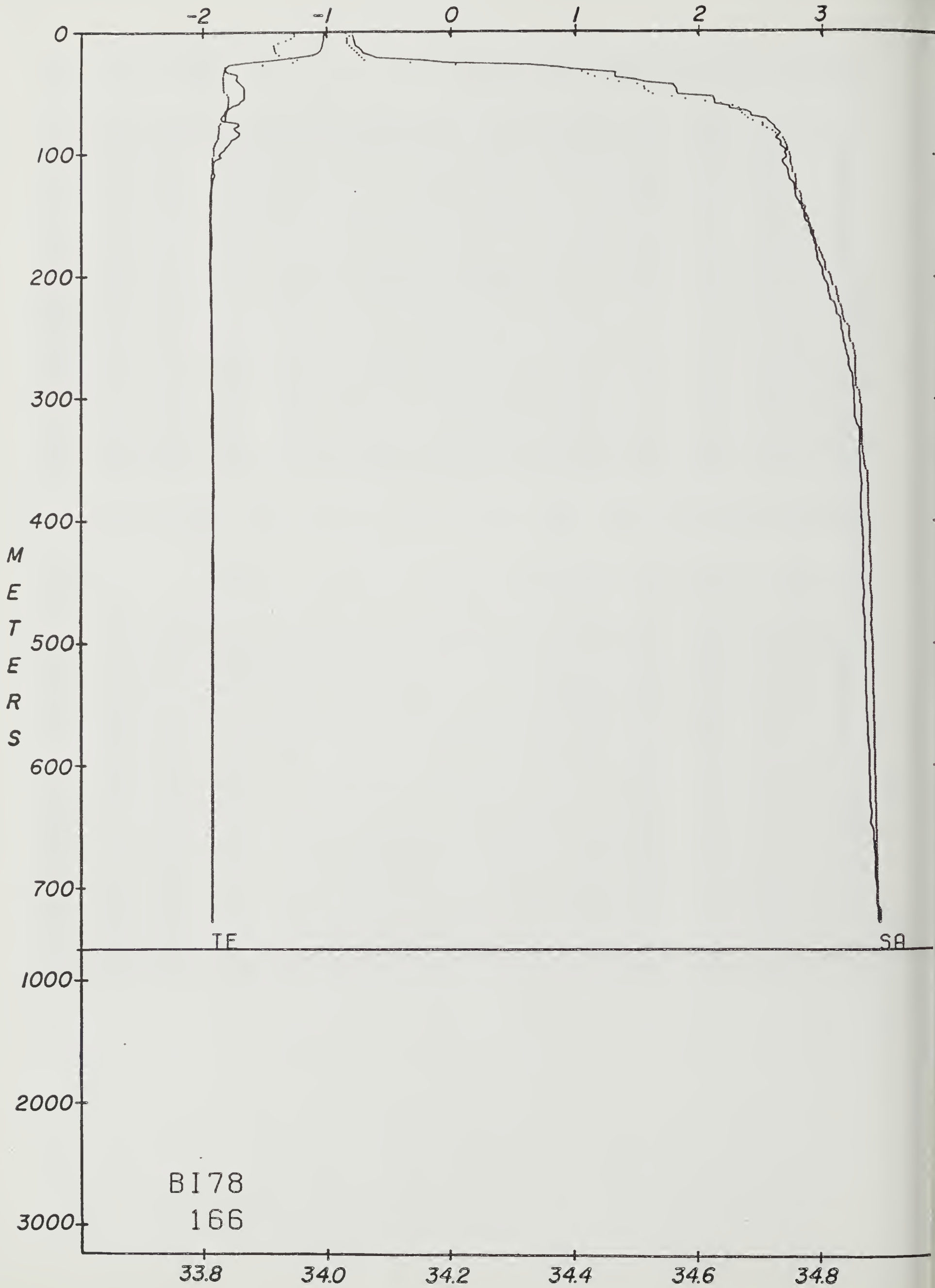
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 58.2S	170 57.1E	570	600	981.4	230	27	-3.9	0	0	0	1631	6FEB78	BI	78	1	165

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.919	-1.919	.955	34.215	27.534	29.930	32.295	36.940	56.04	0.000	1444.0	0
10	-1.905	-1.905	.978	34.230	27.546	29.941	32.306	36.950	54.94	.006	1444.2	10
20	-1.825	-1.826	1.066	34.246	27.556	29.950	32.314	36.955	53.95	.011	1444.8	20
30	-1.685	-1.686	1.215	34.261	27.563	29.954	32.317	36.953	53.27	.016	1445.6	30
40	-1.310	-1.311	.601	34.322	27.635	30.036	32.407	37.063	46.34	.021	1442.9	40
50	-1.075	-1.076	.857	34.548	27.810	30.206	32.573	37.219	29.79	.025	1444.5	50
60	-1.418	-1.420	1.523	34.585	27.812	30.198	32.555	37.182	29.63	.028	1447.8	60
70	-1.956	-1.958	.994	34.617	27.861	30.255	32.620	37.262	24.90	.031	1445.5	71
80	-1.344	-1.346	.616	34.635	27.889	30.290	32.660	37.314	22.09	.033	1443.9	81
90	-1.458	-1.460	.511	34.666	27.917	30.320	32.692	37.349	19.35	.035	1443.6	91
100	-1.710	-1.712	.268	34.685	27.940	30.346	32.722	37.386	17.08	.037	1442.6	101
125	-1.867	-1.869	.132	34.717	27.971	30.379	32.758	37.426	13.99	.041	1442.3	126
150	-1.888	-1.891	.130	34.734	27.985	30.393	32.772	37.441	12.52	.044	1442.6	151
175	-1.893	-1.897	.144	34.738	27.988	30.397	32.776	37.445	12.05	.047	1443.0	176
200	-1.898	-1.902	.159	34.748	27.997	30.406	32.784	37.454	11.11	.050	1443.4	202
225	-1.910	-1.915	.166	34.759	28.006	30.415	32.794	37.464	10.11	.053	1443.8	227
250	-1.920	-1.926	.176	34.775	28.019	30.428	32.807	37.477	8.70	.055	1444.2	252
275	-1.917	-1.924	.199	34.795	28.035	30.444	32.823	37.493	7.07	.057	1444.6	277
300	-1.902	-1.909	.234	34.804	28.042	30.451	32.829	37.498	6.30	.059	1445.1	302
325	-1.899	-1.906	.257	34.815	28.051	30.460	32.838	37.508	5.27	.060	1445.6	328
350	-1.900	-1.908	.276	34.835	28.067	30.476	32.854	37.523	3.62	.061	1446.0	353
375	-1.900	-1.909	.296	34.861	28.088	30.497	32.875	37.544	1.50	.062	1446.5	378
400	-1.900	-1.909	.316	34.868	28.094	30.502	32.881	37.549	.86	.062	1446.9	403
425	-1.904	-1.914	.331	34.870	28.096	30.504	32.882	37.552	.53	.063	1447.3	429
450	-1.909	-1.920	.345	34.874	28.099	30.508	32.886	37.555	.07	.063	1447.7	454
475	-1.909	-1.921	.364	34.877	28.102	30.510	32.888	37.558	-.29	.063	1448.1	479
500	-1.909	-1.922	.383	34.883	28.106	30.515	32.893	37.562	-.86	.062	1448.5	504
550	-1.909	-1.923	.422	34.889	28.111	30.520	32.898	37.567	-1.62	.062	1449.4	555
592	-1.909	-1.925	.454	34.896	28.117	30.526	32.904	37.573	-2.38	.061	1450.1	597

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
73 57.9S	170 59.5E	570	600	980.7	230	30	-3.9	0	0	0	1725	6FEB78	BI	78	2	165

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.38	-1.38	0.49	34.124	27.48	29.88				-0.28			0	165
577	-1.92	-1.93	0.43	34.902	28.12	30.53		71		-0.40			0	165

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.369	-1.369	.500	34.121	27.474	29.876	32.250	36.909	61.80	0.000	1441.7	0
10	-1.364	-1.364	.513	34.121	27.473	29.876	32.249	36.908	61.76	.006	1441.9	10
20	-1.329	-1.330	.555	34.126	27.476	29.879	32.251	36.909	61.44	.012	1442.2	20
30	-1.935	-1.936	.964	34.252	27.565	29.961	32.327	36.972	53.02	.018	1444.4	30
40	-1.038	-1.039	.873	34.316	27.620	30.017	32.385	37.032	47.74	.023	1444.2	40
50	-1.486	-1.487	.439	34.430	27.727	30.131	32.504	37.164	37.54	.027	1442.4	50
60	-1.059	-1.060	.879	34.528	27.792	30.189	32.555	37.202	31.38	.031	1444.7	60
70	-1.733	-1.735	1.218	34.623	27.857	30.248	32.609	37.245	25.32	.034	1446.6	71
80	-1.802	-1.804	1.159	34.656	27.886	30.278	32.640	37.278	22.48	.036	1446.4	81
90	-1.915	-1.917	1.054	34.660	27.894	30.288	32.651	37.292	21.71	.038	1446.1	91
100	-1.413	-1.415	.564	34.672	27.921	30.323	32.694	37.350	18.95	.040	1443.9	101
125	-1.771	-1.774	.227	34.710	27.963	30.370	32.747	37.412	14.81	.044	1442.7	126
150	-1.872	-1.875	.147	34.738	27.988	30.396	32.774	37.443	12.26	.048	1442.7	151
175	-1.896	-1.900	.142	34.751	27.999	30.407	32.786	37.456	11.08	.051	1443.0	176
200	-1.900	-1.904	.158	34.760	28.006	30.415	32.793	37.463	10.24	.053	1443.4	202
225	-1.906	-1.911	.171	34.761	28.007	30.416	32.795	37.465	9.97	.056	1443.8	227
250	-1.915	-1.921	.182	34.779	28.022	30.431	32.810	37.480	8.41	.059	1444.2	252
275	-1.916	-1.923	.200	34.790	28.031	30.440	32.819	37.489	7.41	.060	1444.6	277
300	-1.901	-1.908	.236	34.808	28.045	30.454	32.832	37.502	5.97	.062	1445.2	302
325	-1.905	-1.912	.251	34.817	28.053	30.462	32.840	37.509	5.11	.063	1445.6	328
350	-1.905	-1.913	.270	34.829	28.062	30.471	32.850	37.519	4.10	.064	1446.0	353
375	-1.906	-1.915	.289	34.840	28.071	30.480	32.858	37.528	3.12	.065	1446.4	378
400	-1.905	-1.915	.310	34.863	28.090	30.499	32.877	37.546	1.18	.066	1446.9	403
425	-1.899	-1.910	.335	34.864	28.091	30.499	32.878	37.547	.98	.066	1447.3	429
450	-1.905	-1.916	.349	34.872	28.097	30.506	32.884	37.553	.24	.066	1447.7	454
475	-1.905	-1.916	.369	34.883	28.106	30.515	32.893	37.562	-.73	.066	1448.1	479
500	-1.914	-1.927	.378	34.888	28.110	30.519	32.897	37.567	-1.26	.066	1448.5	504
550	-1.909	-1.923	.422	34.890	28.112	30.521	32.899	37.568	-1.69	.065	1449.4	555
594	-1.909	-1.925	.455	34.896	28.117	30.526	32.904	37.573	-2.39	.064	1450.1	599



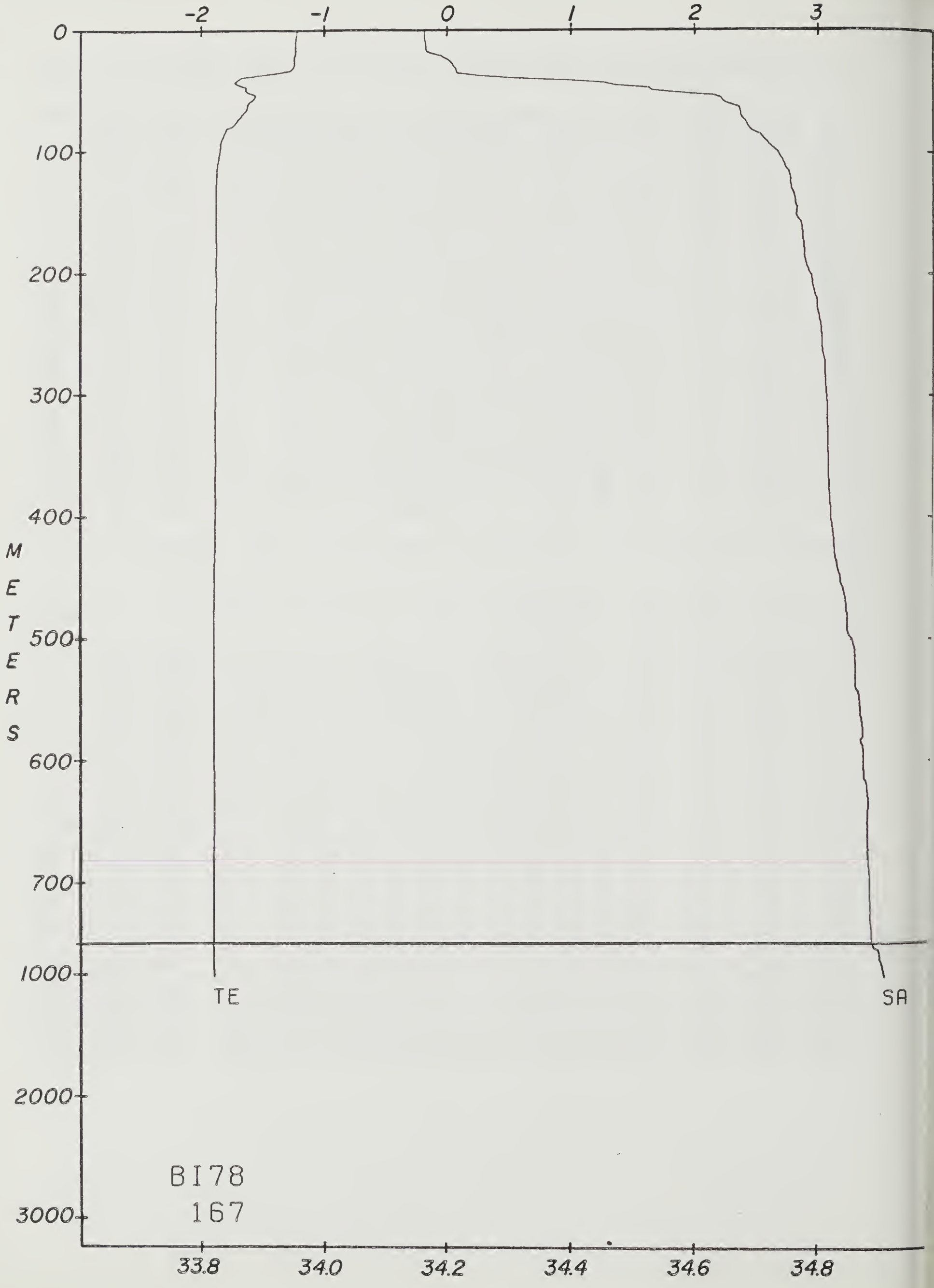
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 25.9S	169 14.4E	571	736	983.8	220	19	-5.0	0	0	0	2212	6FEB78	BI	78	1	166

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.012	-1.012	.853	34.042	27.398	29.795	32.163	36.812	68.97	0.000	1443.3	0
10	-1.023	-1.023	.850	34.048	27.403	29.801	32.169	36.818	68.47	.007	1443.4	10
20	-1.112	-1.113	.769	34.073	27.427	29.826	32.195	36.847	66.15	.014	1443.2	20
30	-1.796	-1.797	.110	34.372	27.689	30.098	32.477	37.146	41.20	.019	1440.6	30
40	-1.708	-1.709	.213	34.494	27.786	30.193	32.569	37.235	32.00	.023	1441.3	40
50	-1.648	-1.649	.285	34.568	27.844	30.249	32.625	37.288	26.48	.026	1441.9	50
60	-1.705	-1.707	.239	34.632	27.897	30.303	32.679	37.344	21.38	.028	1441.8	60
70	-1.826	-1.827	.129	34.690	27.948	30.355	32.733	37.401	16.50	.030	1441.5	71
80	-1.726	-1.728	.238	34.728	27.976	30.382	32.758	37.422	13.82	.031	1442.2	81
90	-1.752	-1.754	.221	34.731	27.979	30.385	32.762	37.428	13.43	.033	1442.3	91
100	-1.837	-1.839	.144	34.743	27.991	30.398	32.776	37.444	12.29	.034	1442.0	101
125	-1.911	-1.913	.090	34.756	28.003	30.412	32.791	37.461	10.92	.037	1442.1	126
150	-1.919	-1.922	.101	34.773	28.017	30.426	32.805	37.475	9.44	.039	1442.5	151
175	-1.914	-1.917	.127	34.792	28.033	30.441	32.820	37.490	7.86	.042	1443.0	176
200	-1.922	-1.927	.138	34.804	28.042	30.451	32.830	37.500	6.80	.043	1443.4	202
225	-1.918	-1.923	.162	34.824	28.058	30.467	32.846	37.516	5.14	.045	1443.8	227
250	-1.907	-1.913	.193	34.836	28.068	30.477	32.856	37.525	4.06	.046	1444.3	252
275	-1.907	-1.913	.212	34.846	28.076	30.484	32.863	37.532	3.21	.047	1444.8	277
300	-1.907	-1.914	.232	34.854	28.083	30.491	32.870	37.539	2.43	.048	1445.2	302
325	-1.912	-1.920	.246	34.862	28.090	30.498	32.877	37.546	1.64	.048	1445.6	328
350	-1.902	-1.910	.276	34.864	28.091	30.499	32.877	37.546	1.41	.049	1446.1	353
375	-1.896	-1.905	.300	34.866	28.092	30.501	32.879	37.548	1.14	.049	1446.5	378
400	-1.901	-1.911	.315	34.867	28.093	30.502	32.880	37.549	.91	.049	1446.9	403
425	-1.900	-1.911	.335	34.869	28.095	30.504	32.882	37.550	.62	.049	1447.3	429
450	-1.896	-1.907	.358	34.869	28.095	30.503	32.882	37.550	.50	.050	1447.8	454
475	-1.901	-1.912	.372	34.870	28.096	30.504	32.882	37.552	.27	.050	1448.1	479
500	-1.901	-1.913	.391	34.873	28.098	30.506	32.885	37.554	-.06	.050	1448.6	504
550	-1.901	-1.915	.429	34.875	28.100	30.508	32.887	37.556	-.52	.049	1449.4	555
600	-1.905	-1.921	.463	34.880	28.104	30.513	32.891	37.560	-1.19	.049	1450.2	605
650	-1.899	-1.916	.507	34.884	28.107	30.516	32.894	37.563	-1.74	.048	1451.1	656
700	-1.904	-1.923	.541	34.893	28.114	30.523	32.901	37.570	-2.68	.047	1451.9	706
729	-1.904	-1.924	.563	34.899	28.119	30.528	32.907	37.575	-3.32	.046	1452.4	736

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 25.6S	169 14.2E	571	736	983.8	230	16	-4.9	0	0	0	2306	6FEB78	BI	78	2	166

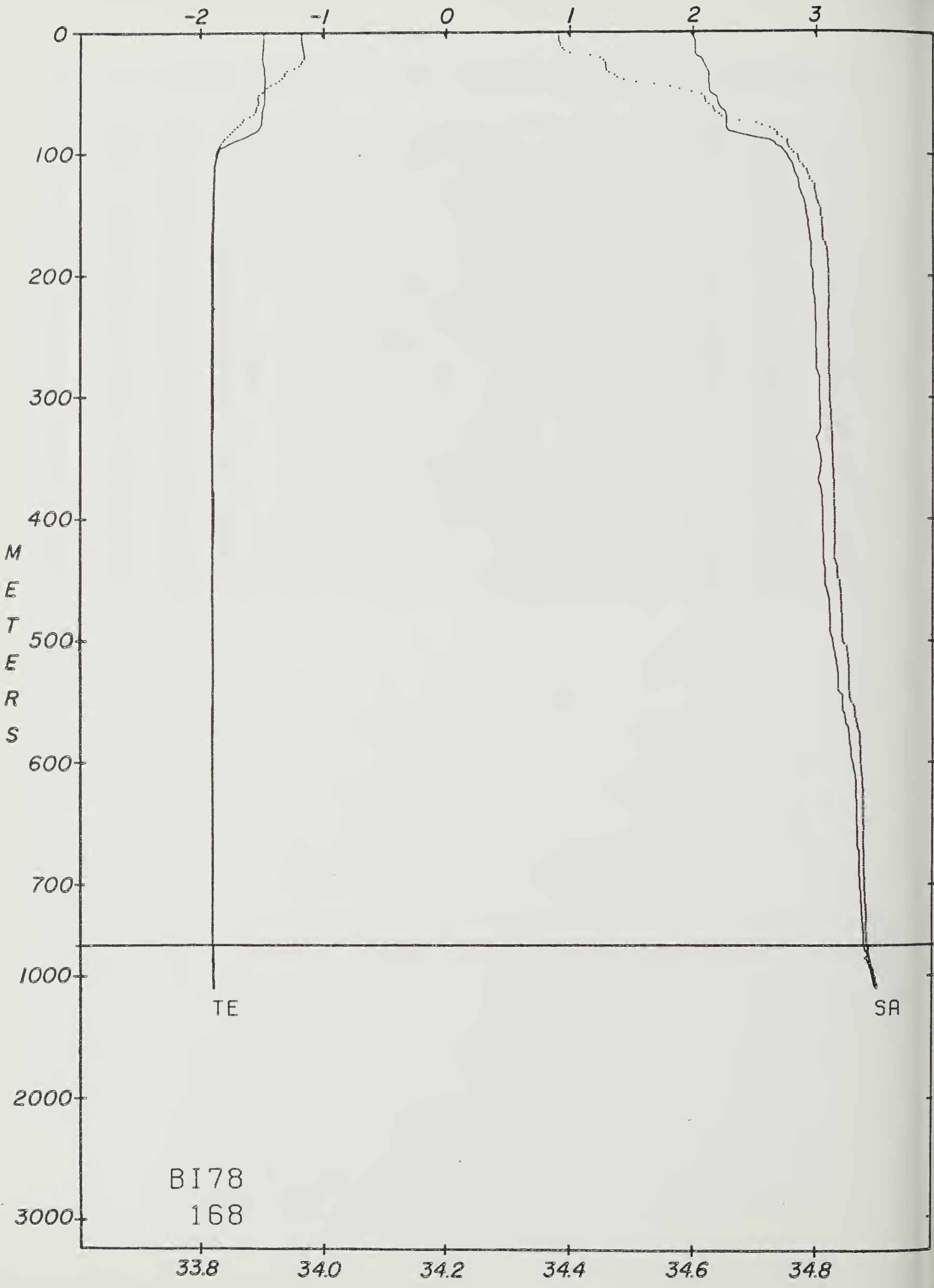
DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.25	-1.25	0.62	34.040	27.40	29.81		59		-0.21			0	166
610	-1.90	-1.92	0.48	34.886	28.11	30.52		72		-0.41			0	166
712	-1.90	-1.92	0.55	34.893	28.11	30.52						C1	0	166

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.257	-1.257	.607	34.033	27.399	29.800	32.172	36.829	68.88	0.000	1442.1	0
10	-1.373	-1.373	.499	34.035	27.404	29.808	32.181	36.841	68.23	.007	1441.7	10
20	-1.361	-1.361	.519	34.035	27.420	29.823	32.196	36.856	66.78	.014	1442.0	20
30	-1.746	-1.746	.160	34.357	27.675	30.083	32.461	37.130	42.30	.019	1440.8	30
40	-1.822	-1.823	.097	34.454	27.756	30.165	32.543	37.213	34.81	.023	1440.7	40
50	-1.810	-1.811	.120	34.521	27.810	30.218	32.596	37.265	29.67	.026	1441.0	50
60	-1.778	-1.779	.167	34.638	27.904	30.312	32.689	37.356	20.67	.029	1441.5	60
70	-1.799	-1.801	.155	34.677	27.936	30.344	32.721	37.388	17.62	.031	1441.6	71
80	-1.855	-1.856	.109	34.713	27.967	30.375	32.753	37.422	14.59	.032	1441.6	81
90	-1.869	-1.871	.104	34.741	27.990	30.399	32.777	37.446	12.36	.034	1441.7	91
100	-1.897	-1.899	.084	34.749	27.997	30.406	32.784	37.454	11.65	.035	1441.8	101
125	-1.914	-1.917	.087	34.760	28.007	30.416	32.794	37.464	10.60	.038	1442.1	126
150	-1.924	-1.927	.096	34.776	28.020	30.429	32.808	37.478	9.23	.040	1442.5	151
175	-1.924	-1.928	.116	34.792	28.032	30.442	32.820	37.491	7.87	.042	1442.9	176
200	-1.921	-1.925	.140	34.815	28.052	30.461	32.839	37.509	5.91	.044	1443.4	202
225	-1.914	-1.919	.167	34.833	28.066	30.474	32.853	37.522	4.46	.045	1443.9	227
250	-1.914	-1.919	.187	34.846	28.077	30.485	32.864	37.533	3.30	.046	1444.3	252
275	-1.908	-1.914	.213	34.856	28.084	30.493	32.871	37.540	2.42	.047	1444.8	277
300	-1.897	-1.904	.242	34.864	28.091	30.499	32.877	37.546	1.70	.047	1445.2	302
325	-1.897	-1.905	.262	34.866	28.093	30.501	32.879	37.548	1.39	.048	1445.7	328
350	-1.897	-1.905	.281	34.870	28.096	30.504	32.882	37.551	.95	.048	1446.1	353
375	-1.900	-1.909	.297	34.877	28.101	30.510	32.888	37.557	.29	.048	1446.5	378
400	-1.902	-1.912	.314	34.879	28.103	30.511	32.890	37.559	-.02	.048	1446.9	403
425	-1.908	-1.918	.328	34.880	28.104	30.513	32.891	37.560	-.24	.048	1447.3	429
450	-1.904	-1.915	.351	34.881	28.104	30.513	32.891	37.560	-.42	.048	1447.7	454
475	-1.903	-1.914	.371	34.883	28.106	30.514	32.893	37.562	-.70	.048	1448.2	479
500	-1.908	-1.920	.385	34.885	28.108	30.516	32.895	37.564	-1.00	.048	1448.6	504
550	-1.908	-1.922	.423	34.887	28.110	30.518	32.897	37.566	-1.46	.047	1449.4	555
600	-1.908	-1.923	.461	34.889	28.111	30.520	32.898	37.567	-1.88	.046	1450.2	605
650	-1.908	-1.925	.499	34.891	28.113	30.522	32.900	37.569	-2.30	.045	1451.1	656
700	-1.908	-1.927	.537	34.894	28.115	30.524	32.902	37.572	-2.80	.044	1451.9	706
729	-1.905	-1.925	.562	34.897	28.118	30.526	32.905	37.574	-3.17	.043	1452.4	736



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 74 48.1S 166 19.4E 571 1054 983.1 210 21 -2.5 0 0 0 1129 7FEB78 BI 78 1 167

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.229	-1.229	.643	34.162	27.502	29.903	32.274	36.928	59.08	0.000	1442.4	0
10	-1.239	-1.239	.640	34.163	27.504	29.904	32.275	36.930	58.90	.006	1442.6	10
20	-1.241	-1.241	.646	34.175	27.514	29.914	32.285	36.940	57.91	.012	1442.7	20
30	-1.252	-1.253	.645	34.209	27.541	29.942	32.313	36.968	55.22	.017	1442.9	30
40	-1.659	-1.660	.251	34.313	27.637	30.044	32.421	37.087	46.05	.022	1441.3	40
50	-1.642	-1.643	.289	34.534	27.816	30.221	32.597	37.261	29.10	.026	1441.8	50
60	-1.611	-1.613	.334	34.650	27.909	30.314	32.688	37.350	20.25	.029	1442.3	60
70	-1.668	-1.670	.286	34.674	27.931	30.336	32.712	37.375	18.14	.031	1442.3	71
80	-1.755	-1.757	.208	34.687	27.943	30.350	32.727	37.393	16.89	.032	1442.0	81
90	-1.832	-1.834	.139	34.712	27.966	30.374	32.752	37.420	14.66	.034	1441.9	91
100	-1.851	-1.853	.129	34.733	27.983	30.391	32.769	37.437	12.96	.035	1442.0	101
125	-1.878	-1.881	.122	34.755	28.002	30.410	32.789	37.457	11.07	.038	1442.3	126
150	-1.880	-1.883	.140	34.765	28.010	30.418	32.796	37.465	10.19	.041	1442.7	151
175	-1.877	-1.880	.163	34.777	28.020	30.428	32.806	37.475	9.11	.043	1443.1	176
200	-1.878	-1.883	.181	34.787	28.028	30.436	32.814	37.483	8.20	.046	1443.6	202
225	-1.877	-1.882	.202	34.799	28.037	30.446	32.824	37.492	7.15	.047	1444.0	227
250	-1.880	-1.885	.219	34.807	28.044	30.452	32.830	37.499	6.42	.049	1444.4	252
275	-1.880	-1.886	.238	34.812	28.048	30.456	32.834	37.503	5.87	.051	1444.8	277
300	-1.881	-1.888	.256	34.815	28.050	30.458	32.836	37.505	5.53	.052	1445.3	302
325	-1.886	-1.893	.270	34.816	28.052	30.460	32.838	37.507	5.24	.053	1445.6	328
350	-1.880	-1.889	.295	34.818	28.053	30.461	32.839	37.508	4.99	.055	1446.1	353
375	-1.885	-1.894	.309	34.819	28.054	30.462	32.840	37.509	4.76	.056	1446.5	378
400	-1.883	-1.893	.330	34.822	28.056	30.465	32.843	37.512	4.40	.057	1446.9	403
425	-1.886	-1.896	.347	34.827	28.061	30.469	32.847	37.516	3.85	.058	1447.3	429
450	-1.891	-1.902	.361	34.837	28.069	30.477	32.856	37.524	2.93	.059	1447.7	454
475	-1.893	-1.905	.378	34.847	28.077	30.485	32.864	37.533	2.05	.060	1448.2	479
500	-1.896	-1.909	.395	34.855	28.083	30.492	32.870	37.539	1.32	.060	1448.6	504
550	-1.896	-1.910	.433	34.868	28.094	30.503	32.881	37.550	.02	.060	1449.4	555
600	-1.895	-1.911	.473	34.875	28.100	30.508	32.886	37.555	-.77	.060	1450.3	605
650	-1.891	-1.908	.516	34.882	28.105	30.514	32.892	37.560	-1.54	.060	1451.1	656
700	-1.896	-1.915	.548	34.886	28.108	30.517	32.896	37.564	-2.14	.059	1451.9	706
750	-1.896	-1.917	.567	34.890	28.112	30.520	32.899	37.568	-2.72	.057	1452.8	757
800	-1.896	-1.919	.625	34.892	28.114	30.522	32.901	37.570	-3.16	.056	1453.6	808
850	-1.896	-1.920	.663	34.902	28.121	30.530	32.909	37.578	-4.15	.054	1454.5	858
900	-1.896	-1.922	.701	34.903	28.122	30.531	32.909	37.579	-4.49	.052	1455.3	909
950	-1.896	-1.924	.739	34.906	28.125	30.534	32.912	37.581	-4.98	.050	1456.2	959
1000	-1.891	-1.921	.783	34.909	28.127	30.536	32.914	37.583	-5.41	.047	1457.0	1010
1036	-1.891	-1.922	.910	34.910	28.128	30.537	32.915	37.584	-5.70	.045	1457.6	1046



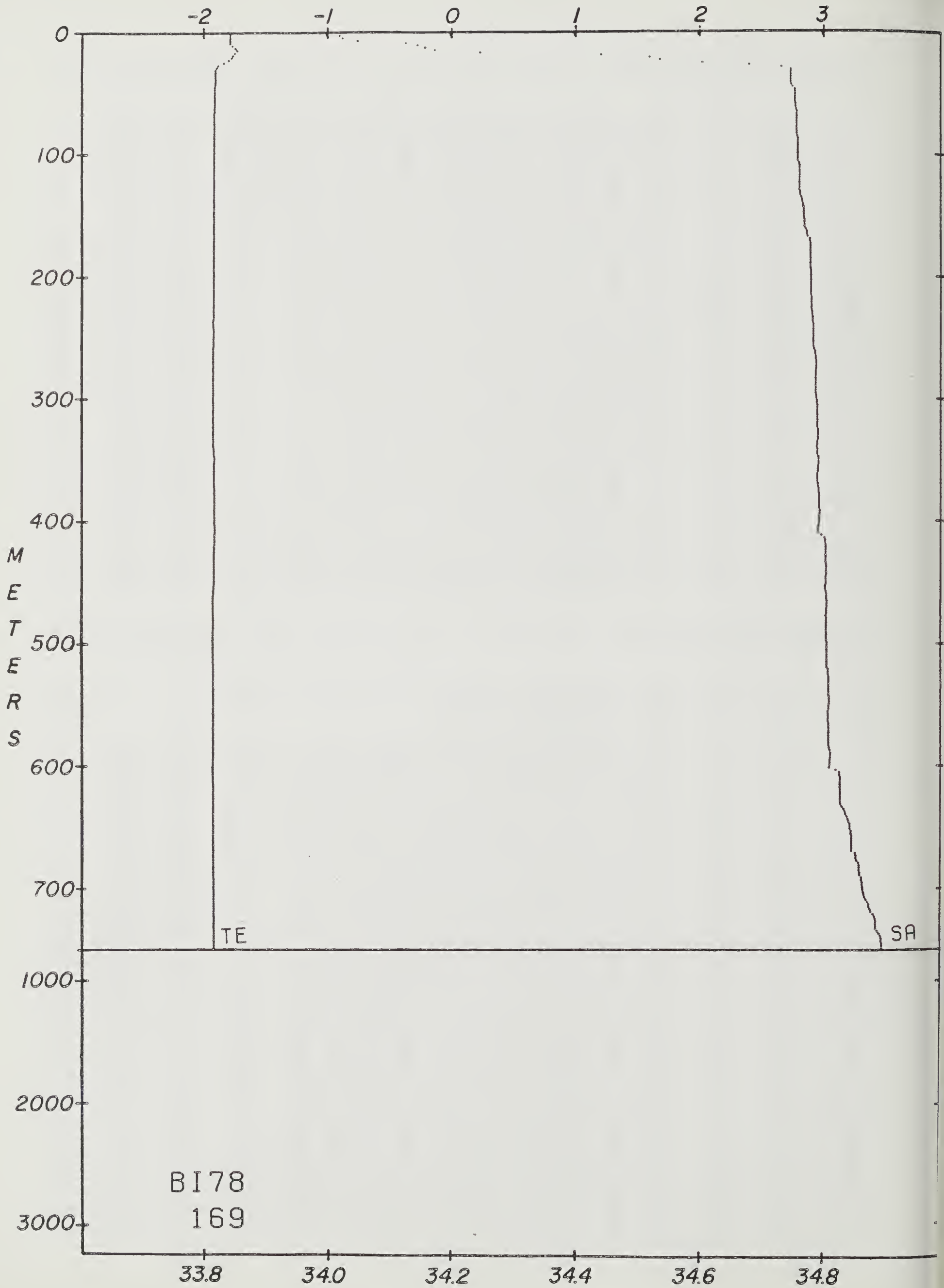
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 57.8S	165 33.6E	571	1117	0.0	0	0	0.0	0	0	0	0	1510	7FEB78	BI	78	1	168

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDEV	PRES
0	-1.473	-1.473	.424	34.604	27.868	30.271	32.643	37.301	24.45	0.000	1441.9	0
10	-1.474	-1.475	.430	34.606	27.870	30.272	32.645	37.303	24.24	.002	1442.1	10
20	-1.482	-1.483	.430	34.609	27.872	30.275	32.648	37.306	23.97	.005	1442.2	20
30	-1.468	-1.469	.452	34.624	27.884	30.287	32.659	37.316	22.78	.007	1442.5	30
40	-1.463	-1.464	.466	34.628	27.887	30.289	32.662	37.319	22.45	.009	1442.7	40
50	-1.467	-1.468	.469	34.631	27.890	30.292	32.664	37.322	22.17	.012	1442.8	50
60	-1.471	-1.472	.474	34.644	27.901	30.303	32.676	37.333	21.07	.014	1443.0	60
70	-1.489	-1.491	.464	34.657	27.911	30.314	32.687	37.345	20.01	.016	1443.1	71
80	-1.513	-1.515	.447	34.657	27.912	30.315	32.688	37.347	19.86	.018	1443.1	81
90	-1.705	-1.707	.267	34.726	27.973	30.379	32.755	37.419	14.01	.020	1442.5	91
100	-1.845	-1.847	.137	34.751	27.998	30.405	32.783	37.451	11.62	.021	1442.0	101
125	-1.874	-1.877	.127	34.773	28.016	30.425	32.803	37.472	9.69	.024	1442.3	126
150	-1.878	-1.881	.143	34.786	28.027	30.435	32.814	37.482	8.54	.026	1442.7	151
175	-1.884	-1.887	.157	34.794	28.034	30.442	32.820	37.489	7.79	.028	1443.1	176
200	-1.884	-1.888	.176	34.797	28.036	30.444	32.823	37.491	7.42	.030	1443.6	202
225	-1.884	-1.889	.195	34.801	28.039	30.447	32.825	37.494	7.01	.032	1444.0	227
250	-1.884	-1.889	.214	34.802	28.040	30.448	32.827	37.495	6.76	.033	1444.4	252
275	-1.884	-1.890	.233	34.803	28.041	30.449	32.827	37.496	6.54	.035	1444.8	277
300	-1.884	-1.891	.253	34.808	28.045	30.453	32.831	37.500	6.02	.037	1445.2	302
325	-1.884	-1.891	.272	34.809	28.046	30.454	32.833	37.502	5.78	.038	1445.6	328
350	-1.889	-1.897	.285	34.810	28.046	30.455	32.833	37.502	5.60	.039	1446.0	353
375	-1.889	-1.898	.305	34.810	28.046	30.455	32.833	37.502	5.46	.041	1446.5	378
400	-1.878	-1.888	.334	34.813	28.049	30.457	32.835	37.504	5.10	.042	1446.9	403
425	-1.889	-1.899	.343	34.814	28.050	30.458	32.837	37.506	4.85	.043	1447.3	429
450	-1.889	-1.900	.362	34.817	28.052	30.461	32.839	37.508	4.48	.045	1447.7	454
475	-1.889	-1.901	.381	34.824	28.058	30.467	32.845	37.514	3.81	.046	1448.1	479
500	-1.889	-1.902	.400	34.829	28.062	30.470	32.849	37.518	3.32	.046	1448.6	504
550	-1.894	-1.908	.434	34.845	28.075	30.484	32.862	37.531	1.79	.048	1449.4	555
600	-1.900	-1.915	.467	34.861	28.089	30.497	32.876	37.545	.25	.048	1450.2	605
650	-1.894	-1.911	.511	34.868	28.094	30.503	32.891	37.550	-.50	.048	1451.1	656
700	-1.895	-1.914	.548	34.873	28.098	30.507	32.885	37.554	-1.16	.048	1451.9	706
750	-1.900	-1.920	.582	34.879	28.103	30.512	32.890	37.559	-1.90	.047	1452.8	757
800	-1.894	-1.917	.626	34.881	28.104	30.513	32.892	37.560	-2.29	.046	1453.6	808
850	-1.894	-1.918	.664	34.886	28.108	30.517	32.896	37.565	-2.94	.045	1454.5	858
900	-1.896	-1.922	.700	34.886	28.108	30.518	32.896	37.565	-3.21	.043	1455.3	909
950	-1.894	-1.922	.740	34.889	28.111	30.520	32.898	37.567	-3.69	.041	1456.2	959
1000	-1.891	-1.922	.781	34.893	28.114	30.523	32.901	37.570	-4.21	.039	1457.0	1010
1100	-1.889	-1.923	.860	34.898	28.118	30.527	32.905	37.575	-5.09	.035	1458.7	1111
1109	-1.889	-1.924	.867	34.900	28.120	30.529	32.907	37.576	-5.32	.034	1458.9	1120

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
74 57.8S	165 33.9E	571	1117	0.0	0	0	0.0	0	0	0	0	1635	7FEB78	BI	78	2	168

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.18	-1.18	0.70	34.382	27.68	30.08		61		-0.33			0	168
1021	-1.88	-1.91	0.81	34.894	28.11	30.52		71		-0.44			0	168
1043	-1.88	-1.91	0.83	34.898	28.12	30.53					0.46		0	168

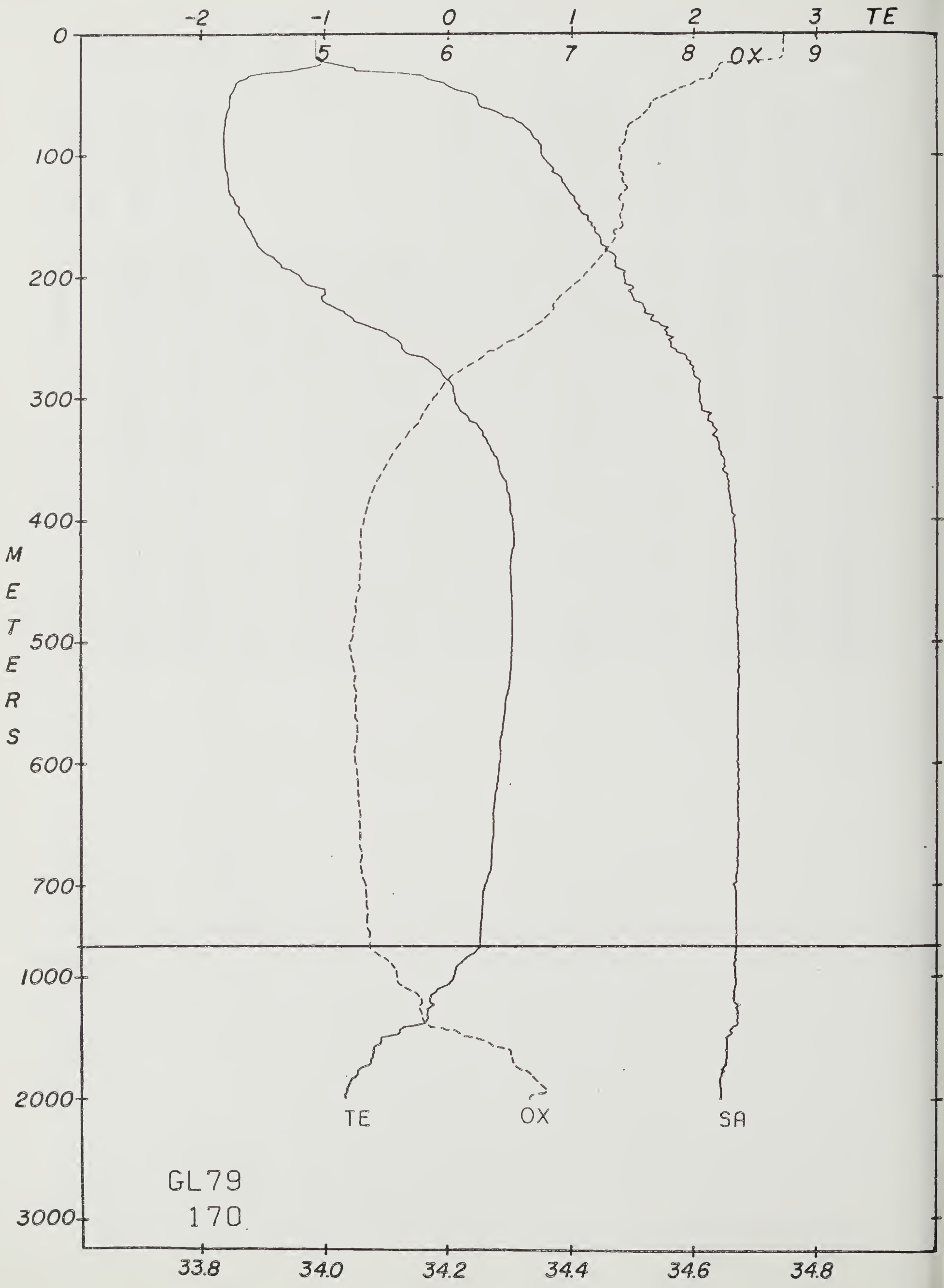
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDEV	PRES
0	-1.167	-1.167	.717	34.385	27.681	30.079	32.448	37.099	42.18	0.000	1443.0	0
10	-1.160	-1.160	.732	34.387	27.682	30.080	32.449	37.099	42.03	.004	1443.2	10
20	-1.142	-1.143	.760	34.433	27.719	30.117	32.485	37.135	39.49	.008	1443.6	20
30	-1.233	-1.234	.678	34.461	27.745	30.144	32.513	37.165	36.00	.012	1443.3	30
40	-1.349	-1.350	.571	34.491	27.773	30.174	32.545	37.200	33.28	.015	1443.0	40
50	-1.487	-1.488	.447	34.600	27.865	30.268	32.641	37.299	24.46	.018	1442.7	50
60	-1.522	-1.523	.422	34.628	27.889	30.292	32.665	37.325	22.18	.021	1442.7	60
70	-1.594	-1.596	.359	34.650	27.909	30.313	32.687	37.348	20.25	.023	1442.6	71
80	-1.708	-1.710	.256	34.726	27.974	30.380	32.755	37.420	14.01	.024	1442.3	81
90	-1.804	-1.806	.170	34.755	28.000	30.407	32.784	37.451	11.48	.026	1442.1	91
100	-1.857	-1.859	.125	34.766	28.010	30.418	32.796	37.464	10.43	.027	1442.0	101
125	-1.877	-1.879	.126	34.798	28.037	30.445	32.823	37.491	7.78	.029	1442.4	126
150	-1.882	-1.885	.141	34.810	28.046	30.455	32.833	37.501	6.71	.031	1442.8	151
175	-1.894	-1.898	.148	34.817	28.053	30.461	32.839	37.508	5.97	.033	1443.1	176
200	-1.894	-1.899	.167	34.823	28.057	30.466	32.844	37.513	5.40	.034	1443.5	202
225	-1.892	-1.897	.188	34.823	28.057	30.466	32.844	37.513	5.27	.035	1444.0	227
250	-1.893	-1.899	.206	34.823	28.057	30.466	32.844	37.513	5.13	.037	1444.4	252
275	-1.898	-1.904	.221	34.824	28.058	30.467	32.845	37.514	4.90	.038	1444.8	277
300	-1.897	-1.904	.240	34.825	28.059	30.468	32.846	37.515	4.68	.039	1445.2	302
325	-1.897	-1.905	.259	34.828	28.062	30.470	32.849	37.518	4.29	.040	1445.6	328
350	-1.897	-1.905	.278	34.830	28.063	30.472	32.850	37.519	4.02	.041	1446.0	353
375	-1.892	-1.901	.303	34.832	28.065	30.473	32.851	37.520	3.75	.042	1446.5	378
400	-1.892	-1.901	.322	34.833	28.065	30.474	32.852	37.521	3.53	.043	1446.9	403
425	-1.892	-1.902	.341	34.832	28.065	30.473	32.851	37.520	3.47	.044	1447.3	429
450	-1.894	-1.906	.357	34.838	28.070	30.478	32.856	37.526	2.86	.045	1447.7	454
475	-1.892	-1.904	.379	34.844	28.074	30.483	32.861	37.530	2.28	.045	1448.2	479
500	-1.892	-1.904	.399	34.846	28.076	30.484	32.862	37.531	2.02	.046	1448.6	504
550	-1.891	-1.905	.438	34.858	28.086	30.494	32.872	37.541	.81	.047	1449.4	555
600	-1.896	-1.912	.472	34.875	28.100	30.508	32.887	37.555	-.77	.047	1450.3	605
650	-1.896	-1.913	.510	34.879	28.103	30.511	32.890	37.559	-1.35	.046	1451.1	656
700	-1.896	-1.915	.548	34.881	28.104	30.513	32.892	37.560	-1.77	.045	1451.9	706
750	-1.896	-1.916	.587	34.885	28.108	30.516	32.895	37.564	-2.33	.044	1452.8	757
800	-1.896	-1.918	.625	34.886	28.108	30.517	32.896	37.565	-2.68	.043	1453.6	808
850	-1.896	-1.920	.663	34.888	28.110	30.519	32.897	37.566	-3.09	.042	1454.5	858
900	-1.893	-1.920	.703	34.890	28.112	30.520	32.899	37.568	-3.50	.040	1455.3	909
950	-1.891	-1.919	.744	34.893	28.114	30.523	32.902	37.570	-3.97	.038	1456.2	959
1000	-1.895	-1.925	.778	34.895	28.115	30.525	32.903	37.572	-4.38	.036	1457.0	1010
1100	-1.889	-1.923	.860	34.900	28.120	30.529	32.907	37.576	-5.27	.031	1458.7	1111
1113	-1.889	-1.924	.870	34.900	28.120	30.529	32.907	37.576	-5.34	.030	1458.9	1124



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 28.8S	165 13.2E	571	773	0.0	0	0	0.0	0	0	0	2327	7FEB78	BI	78	2	169

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-1.76	-1.76	0.10	33.963	27.36	29.77					0.37	C1	0	169
35	-1.89	-1.89	0.04	34.749	28.00	30.41					0.40	C8	0	169
60	-1.90	-1.90	0.05	34.757	28.00	30.41					0.36	C8	0	169
90	-1.89	-1.89	0.08	34.761	28.01	30.42					0.42	C1	0	169
160	-1.90	-1.90	0.13	34.772	28.02	30.42					0.47	C8	0	169
260	-1.90	-1.91	0.20	34.788	28.03	30.44					0.52	C8	0	169
360	-1.90	-1.91	0.28	34.795	28.03	30.44					0.47	C1	0	169
460	-1.90	-1.91	0.36	34.809	28.05	30.45					0.62	C8	0	169
560	-1.90	-1.91	0.43	34.812	28.05	30.46					0.41	C8	0	169
660	-1.90	-1.92	0.51	34.851	28.08	30.49					0.57	C8	0	169
760	-1.90	-1.92	0.59	34.902	28.12	30.53					0.50	C1	0	169

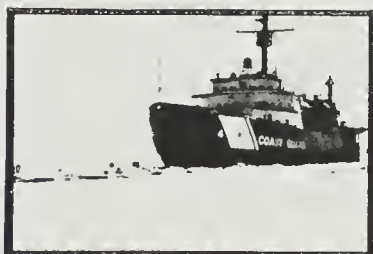
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.762	-1.762	.096	33.937	27.335	29.745	32.125	36.798	74.91	0.000	1439.6	0
10	-1.764	-1.764	.112	34.117	27.481	29.890	32.270	36.941	61.03	.007	1440.0	10
20	-1.747	-1.747	.154	34.418	27.725	30.133	32.510	37.178	37.88	.012	1440.7	20
30	-1.880	-1.880	.047	34.729	27.981	30.389	32.768	37.437	13.60	.014	1440.7	30
40	-1.890	-1.891	.045	34.749	27.997	30.406	32.784	37.453	11.99	.016	1440.8	40
50	-1.896	-1.897	.048	34.756	28.003	30.411	32.790	37.460	11.39	.017	1441.0	50
60	-1.895	-1.896	.056	34.757	28.004	30.412	32.791	37.460	11.25	.018	1441.1	60
70	-1.900	-1.902	.059	34.759	28.005	30.414	32.793	37.462	11.03	.019	1441.3	71
80	-1.901	-1.902	.066	34.759	28.005	30.414	32.793	37.462	10.97	.020	1441.4	81
90	-1.900	-1.902	.074	34.761	28.007	30.416	32.794	37.464	10.76	.021	1441.6	91
100	-1.900	-1.902	.082	34.761	28.007	30.416	32.795	37.464	10.70	.022	1441.8	101
125	-1.900	-1.903	.101	34.764	28.010	30.418	32.797	37.467	10.33	.025	1442.2	126
150	-1.900	-1.903	.120	34.771	28.015	30.424	32.803	37.472	9.65	.027	1442.6	151
175	-1.900	-1.903	.140	34.782	28.024	30.433	32.811	37.481	8.67	.030	1443.0	176
200	-1.900	-1.904	.159	34.783	28.025	30.433	32.812	37.482	8.45	.032	1443.5	202
225	-1.900	-1.905	.178	34.784	28.026	30.434	32.813	37.482	8.23	.034	1443.9	227
250	-1.901	-1.906	.196	34.787	28.028	30.437	32.815	37.485	7.85	.036	1444.3	252
275	-1.904	-1.910	.212	34.792	28.032	30.441	32.820	37.489	7.33	.038	1444.7	277
300	-1.904	-1.911	.231	34.792	28.033	30.442	32.820	37.490	7.15	.040	1445.1	302
325	-1.904	-1.912	.250	34.794	28.034	30.443	32.822	37.491	6.86	.041	1445.5	328
350	-1.894	-1.902	.280	34.796	28.035	30.444	32.823	37.492	6.62	.043	1446.0	353
375	-1.893	-1.902	.299	34.796	28.035	30.444	32.823	37.492	6.48	.045	1446.4	378
400	-1.893	-1.903	.319	34.798	28.037	30.446	32.824	37.493	6.19	.046	1446.8	403
425	-1.895	-1.906	.336	34.808	28.045	30.454	32.832	37.502	5.28	.048	1447.3	429
450	-1.898	-1.909	.352	34.808	28.045	30.454	32.832	37.502	5.14	.049	1447.7	454
475	-1.905	-1.916	.365	34.809	28.046	30.455	32.834	37.503	4.90	.050	1448.0	479
500	-1.908	-1.921	.380	34.810	28.047	30.456	32.835	37.504	4.70	.051	1448.4	504
550	-1.903	-1.917	.424	34.814	28.050	30.459	32.837	37.507	4.13	.054	1449.3	555
600	-1.906	-1.921	.459	34.815	28.051	30.460	32.839	37.508	3.75	.056	1450.1	605
650	-1.902	-1.919	.503	34.848	28.078	30.487	32.865	37.534	.98	.057	1451.0	656
700	-1.901	-1.920	.542	34.869	28.095	30.504	32.882	37.551	.85	.057	1451.9	706
750	-1.901	-1.922	.562	34.900	28.120	30.529	32.907	37.576	-3.49	.056	1452.8	757
766	-1.901	-1.922	.595	34.903	28.122	30.531	32.909	37.579	-3.80	.055	1453.1	773

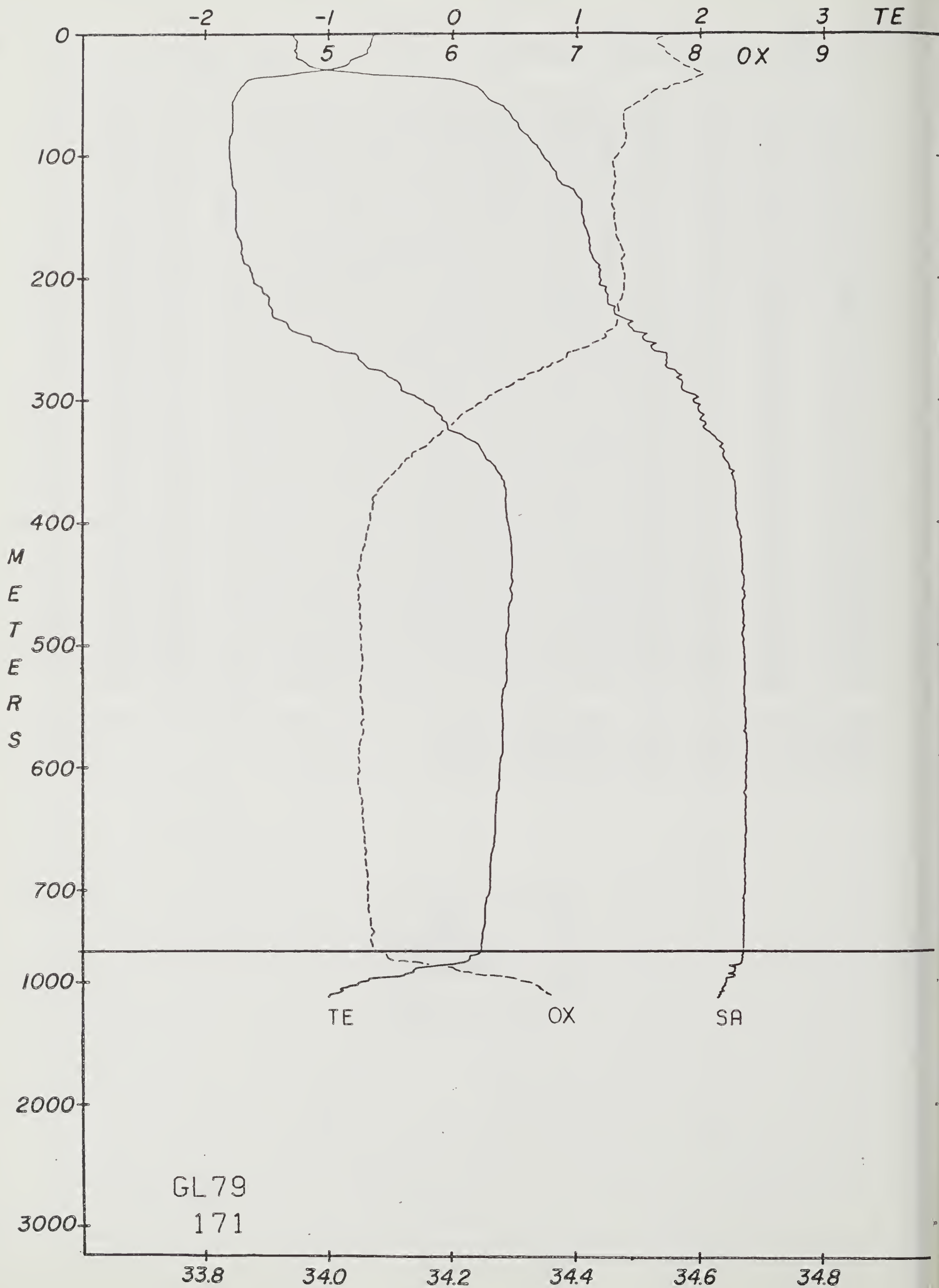


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 30.55 141 32.0E 537 1996 996.3 200 9 1.7 0 6 0 2205 26DEC78 GL 79 1 170

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.019	-1.019	.843	33.988	27.354	29.752	32.121	36.770	73.09	0.000	1443.2	0
10	-1.019	-1.019	.850	33.988	27.354	29.752	32.121	36.770	73.04	.007	1443.3	10
20	-1.019	-1.020	.858	33.990	27.356	29.754	32.122	36.772	72.86	.015	1443.5	20
30	-1.322	-1.323	.567	34.080	27.439	29.841	32.214	36.872	64.93	.021	1442.4	30
40	-1.703	-1.703	.201	34.196	27.543	29.951	32.329	36.998	54.94	.027	1440.9	40
50	-1.749	-1.750	.165	34.243	27.583	29.992	32.370	37.040	51.09	.033	1440.9	50
60	-1.761	-1.762	.162	34.262	27.599	30.008	32.386	37.056	49.54	.038	1441.1	61
70	-1.789	-1.790	.144	34.309	27.638	30.046	32.425	37.096	45.83	.043	1441.2	71
80	-1.802	-1.803	.141	34.336	27.660	30.069	32.448	37.118	43.63	.047	1441.3	81
90	-1.800	-1.802	.150	34.352	27.673	30.082	32.460	37.131	42.39	.051	1441.5	91
100	-1.794	-1.797	.164	34.356	27.676	30.085	32.464	37.134	42.00	.056	1441.7	101
125	-1.760	-1.763	.220	34.395	27.706	30.114	32.493	37.161	39.00	.066	1442.3	126
150	-1.640	-1.643	.361	34.430	27.732	30.138	32.514	37.179	36.50	.075	1443.4	151
175	-1.501	-1.506	.520	34.459	27.751	30.155	32.529	37.189	34.61	.084	1444.5	177
200	-1.167	-1.173	.875	34.491	27.766	30.165	32.533	37.183	33.27	.093	1446.5	202
225	-.852	-.859	1.211	34.525	27.782	30.176	32.539	37.179	31.86	.101	1448.4	227
250	-.387	-.396	1.697	34.565	27.795	30.181	32.538	37.164	30.94	.109	1451.1	253
275	-.039	-.050	2.066	34.602	27.808	30.189	32.540	37.155	29.96	.116	1453.1	278
300	.083	.071	2.208	34.615	27.812	30.191	32.540	37.152	29.66	.124	1454.1	303
325	.302	.289	2.448	34.638	27.818	30.195	32.540	37.146	29.22	.131	1455.6	328
350	.427	.412	2.592	34.654	27.824	30.198	32.542	37.144	28.85	.138	1456.6	354
375	.514	.498	2.699	34.663	27.826	30.199	32.542	37.141	28.76	.145	1457.4	379
400	.542	.525	2.747	34.670	27.830	30.203	32.545	37.143	28.43	.153	1457.9	404
425	.529	.510	2.752	34.671	27.832	30.205	32.547	37.146	28.27	.160	1458.3	429
450	.526	.505	2.768	34.673	27.833	30.206	32.549	37.148	28.15	.167	1459.7	455
475	.536	.515	2.798	34.674	27.834	30.207	32.549	37.148	28.13	.174	1459.2	480
500	.531	.508	2.811	34.676	27.836	30.209	32.552	37.150	27.96	.181	1459.6	505
550	.475	.450	2.793	34.676	27.839	30.213	32.556	37.157	27.66	.195	1460.1	556
600	.424	.397	2.781	34.676	27.842	30.217	32.562	37.163	27.27	.208	1460.7	607
650	.383	.353	2.777	34.677	27.845	30.221	32.566	37.169	26.98	.222	1461.4	657
700	.296	.265	2.728	34.673	27.847	30.224	32.570	37.176	26.65	.235	1461.8	708
750	.268	.234	2.738	34.673	27.849	30.226	32.573	37.180	26.45	.249	1462.5	759
800	.213	.177	2.721	34.673	27.851	30.230	32.577	37.186	26.11	.262	1463.1	809
850	.141	.102	2.687	34.672	27.854	30.234	32.583	37.193	25.65	.275	1463.6	860
900	.089	.049	2.673	34.671	27.856	30.237	32.587	37.199	25.32	.287	1464.2	911
950	.074	.031	2.696	34.671	27.858	30.239	32.588	37.201	25.15	.300	1465.0	961
1000	.059	.013	2.718	34.673	27.860	30.241	32.591	37.204	24.92	.313	1465.8	1012
1100	-.078	-.128	2.657	34.671	27.865	30.249	32.601	37.218	23.96	.337	1466.8	1114
1200	-.107	-.163	2.705	34.675	27.870	30.253	32.608	37.226	23.31	.361	1468.4	1215
1300	-.151	-.212	2.736	34.676	27.873	30.258	32.611	37.231	22.85	.384	1469.9	1317
1400	-.355	-.420	2.608	34.667	27.875	30.264	32.621	37.246	21.73	.406	1470.6	1418
1500	-.532	-.600	2.506	34.659	27.877	30.269	32.628	37.259	20.71	.427	1471.5	1520
1600	-.594	-.667	2.521	34.658	27.879	30.272	32.632	37.265	20.10	.448	1472.9	1622
1700	-.652	-.731	2.538	34.653	27.878	30.272	32.633	37.268	19.69	.468	1474.3	1723
1800	-.750	-.834	2.516	34.648	27.877	30.273	32.636	37.274	19.05	.487	1475.6	1825
1900	-.806	-.895	2.536	34.649	27.881	30.277	32.641	37.281	18.21	.506	1477.1	1927
1965	-.820	-.913	2.571	34.649	27.881	30.278	32.642	37.283	17.92	.517	1478.1	1994

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1233	-0.11	-0.17	2.73	34.673	27.87	30.25							0	170
1490	-0.53	-0.60	2.50	34.659	27.88	30.27		96	2.40				0	170
1737	-0.67	-0.75	2.55	34.656	27.88	30.28		95					0	170
1973	-0.82	-0.91	2.58	34.649	27.88	30.28		109	2.11			C1	0	170



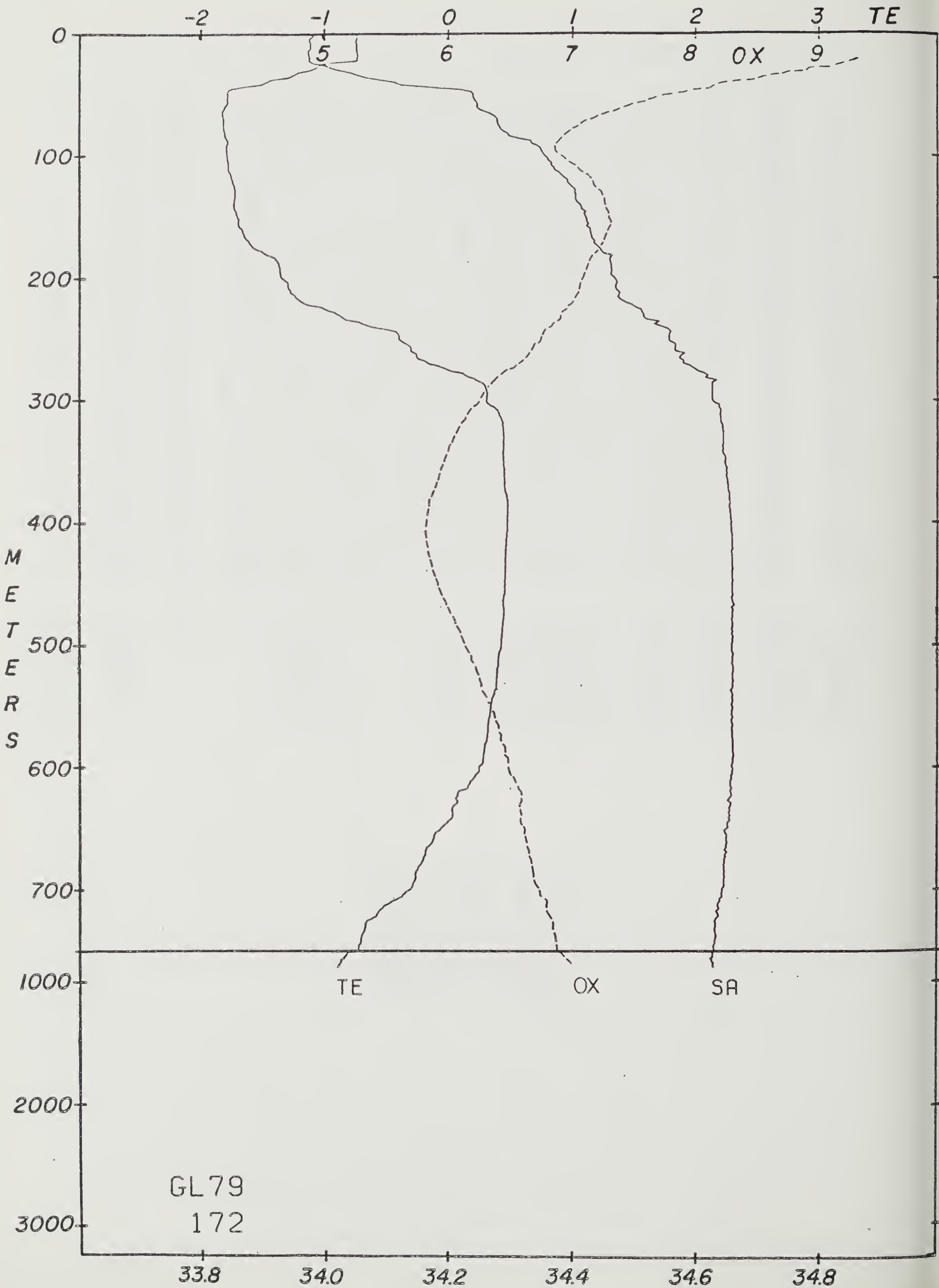


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 65 33.3S 141 31.7E 537 1123 1000.3 220 9 5.0 0 15 0 800 27DEC78 GL 79 1 171

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .634	- .634	1.225	33.942	27.303	29.695	32.058	36.696	78.00	0.000	1444.9	0
10	- .665	- .666	1.201	33.949	27.309	29.702	32.066	36.705	77.31	.008	1444.9	10
20	- .780	- .781	1.094	33.951	27.316	29.711	32.076	36.718	76.65	.015	1444.6	20
30	-1.073	-1.074	.812	34.007	27.371	29.770	32.140	36.790	71.34	.023	1443.4	30
40	-1.675	-1.676	.230	34.222	27.564	29.971	32.349	37.016	53.01	.029	1441.1	40
50	-1.748	-1.749	.167	34.254	27.592	30.000	32.379	37.048	50.29	.034	1440.9	50
60	-1.776	-1.777	.148	34.283	27.616	30.025	32.403	37.073	47.94	.039	1441.0	61
70	-1.774	-1.775	.159	34.300	27.630	30.039	32.417	37.087	46.56	.044	1441.2	71
80	-1.777	-1.779	.164	34.314	27.642	30.050	32.429	37.099	45.39	.048	1441.4	81
90	-1.801	-1.803	.149	34.333	27.657	30.066	32.445	37.116	43.83	.053	1441.5	91
100	-1.798	-1.801	.160	34.347	27.668	30.077	32.456	37.126	42.74	.057	1441.7	101
125	-1.762	-1.765	.217	34.388	27.701	30.109	32.487	37.156	39.52	.068	1442.3	126
150	-1.746	-1.750	.253	34.412	27.720	30.128	32.506	37.174	37.60	.077	1442.8	151
175	-1.697	-1.701	.322	34.422	27.727	30.134	32.511	37.177	36.79	.086	1443.5	177
200	-1.600	-1.605	.439	34.440	27.739	30.144	32.520	37.183	35.58	.096	1444.4	202
225	-1.448	-1.454	.611	34.462	27.752	30.155	32.528	37.186	34.34	.104	1445.6	227
250	-1.098	-1.105	.984	34.516	27.784	30.182	32.549	37.197	31.42	.112	1447.7	253
275	- .546	- .555	1.557	34.562	27.799	30.188	32.547	37.178	30.36	.120	1450.7	278
300	- .194	- .205	1.930	34.595	27.810	30.194	32.547	37.167	29.60	.128	1452.8	303
325	.091	.078	2.236	34.625	27.819	30.199	32.547	37.159	28.95	.135	1454.6	328
350	.348	.333	2.513	34.647	27.823	30.199	32.544	37.148	28.81	.142	1456.2	354
375	.441	.425	2.625	34.659	27.827	30.201	32.545	37.147	28.55	.149	1457.0	379
400	.467	.449	2.670	34.664	27.830	30.204	32.547	37.148	28.34	.157	1457.6	404
425	.490	.471	2.713	34.670	27.833	30.207	32.550	37.150	28.09	.164	1458.1	430
450	.479	.459	2.721	34.672	27.835	30.209	32.552	37.153	27.90	.171	1458.5	455
475	.460	.439	2.721	34.672	27.836	30.210	32.554	37.155	27.80	.178	1458.8	480
500	.447	.424	2.727	34.673	27.838	30.213	32.557	37.158	27.61	.184	1459.2	505
550	.412	.387	2.730	34.675	27.842	30.217	32.561	37.163	27.28	.198	1459.8	556
600	.388	.361	2.745	34.677	27.845	30.220	32.565	37.168	26.99	.212	1460.6	607
650	.347	.318	2.742	34.676	27.846	30.223	32.568	37.172	26.78	.225	1461.2	657
700	.282	.251	2.714	34.673	27.848	30.226	32.572	37.178	26.54	.239	1461.8	708
750	.226	.193	2.697	34.675	27.852	30.231	32.578	37.186	26.02	.252	1462.3	759
800	.152	.116	2.660	34.671	27.853	30.233	32.581	37.191	25.77	.265	1462.8	809
850	- .058	- .095	2.487	34.657	27.853	30.236	32.588	37.204	25.27	.277	1462.7	860
900	- .213	- .351	2.270	34.659	27.867	30.254	32.609	37.233	23.30	.290	1462.4	911
950	- .614	- .652	2.006	34.646	27.871	30.262	32.622	37.255	22.11	.301	1461.8	961
1000	- .756	- .795	1.902	34.643	27.874	30.267	32.629	37.266	21.30	.312	1462.0	1012
1100	- .992	-1.034	1.741	34.633	27.875	30.272	32.638	37.282	20.20	.332	1462.6	1114
1107	- .990	-1.032	1.749	34.631	27.873	30.270	32.636	37.280	20.35	.334	1462.7	1121

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	C-18	TRIT	FLAG	M	STN
1	-0.63	-0.63	1.23	33.975	27.33	29.72						B	0	171
50	-1.74	-1.74	0.17	34.241	27.58	29.99		61	2.20			D5	0	171
100	-1.80	-1.80	0.16	34.358	27.68	30.09		63	2.11			D5	0	171
200	-1.61	-1.61	0.43	34.453	27.75	30.16		71	2.14			D5	0	171
400	0.46	0.44	2.66	34.650	27.82	30.19		96	2.44			D5	0	171
600	0.39	0.36	2.75	34.684	27.85	30.23		105	2.30			D5	0	171
800	0.15	0.11	2.66	34.674	27.86	30.24		110	2.50			D5	0	171
976	-0.65	-0.69	1.99	34.655	27.88	30.27		98	2.35				0	171



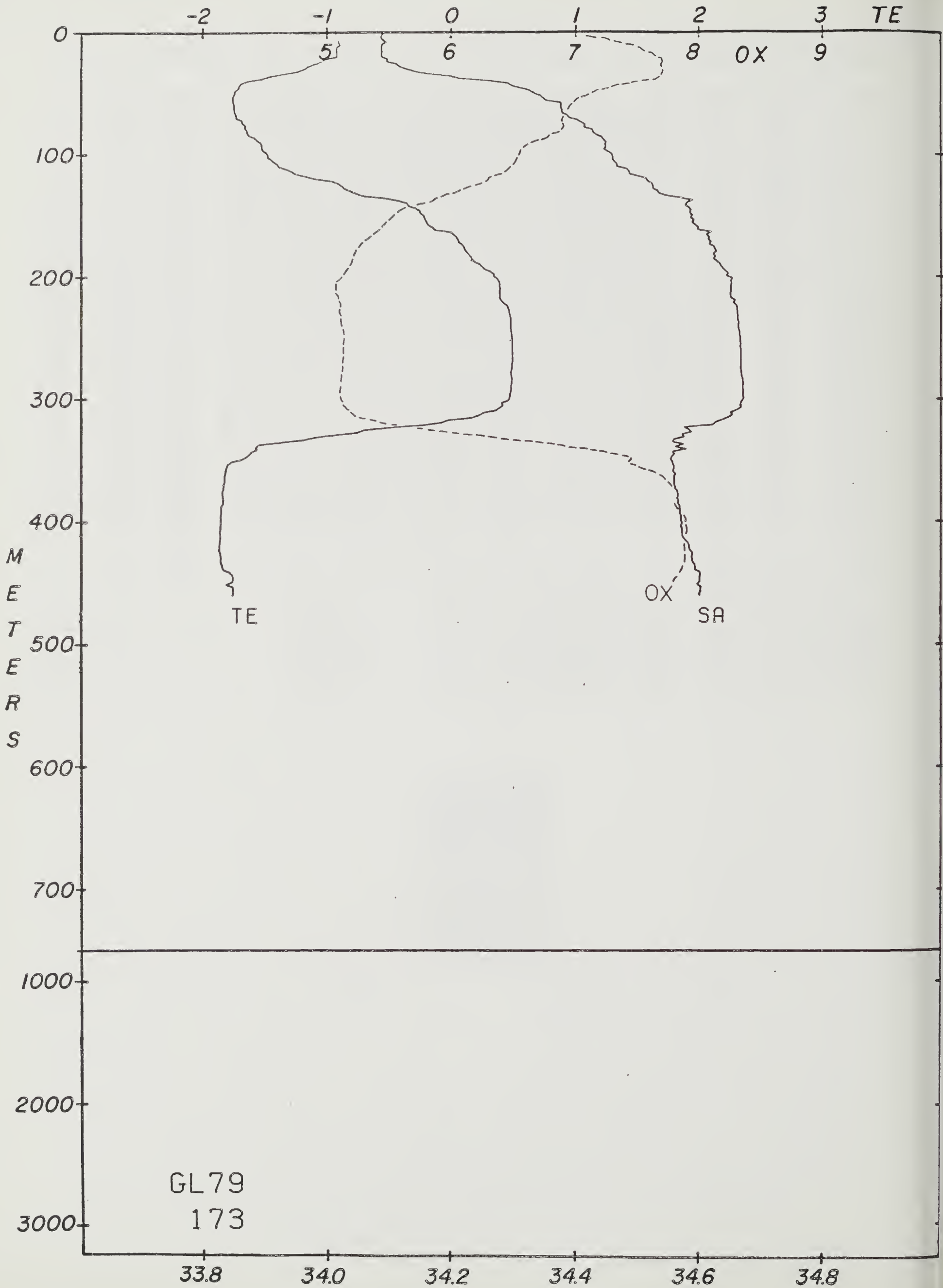


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 39.05 141 45.0E 537 886 998.6 240 10 1.1 0 25 0 1303 27DEC78 GL 79 1 172

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .718	- .718	1.143	33.981	27.337	29.731	32.095	36.735	74.69	0.000	1444.6	0
10	- .723	- .723	1.145	33.980	27.337	29.731	32.095	36.735	74.67	.007	1444.7	10
20	- .717	- .718	1.159	33.977	27.334	29.728	32.092	36.732	74.92	.015	1444.9	20
30	-1.123	-1.124	.764	34.032	27.394	29.793	32.163	36.815	69.23	.022	1443.2	30
40	-1.467	-1.468	.433	34.120	27.475	29.880	32.254	36.917	61.41	.029	1441.9	40
50	-1.768	-1.769	.146	34.244	27.584	29.993	32.372	37.042	51.00	.034	1440.8	50
60	-1.790	-1.791	.132	34.252	27.591	30.000	32.380	37.050	50.27	.039	1440.9	61
70	-1.800	-1.802	.131	34.283	27.617	30.026	32.405	37.076	47.81	.044	1441.1	71
80	-1.791	-1.793	.149	34.295	27.626	30.035	32.414	37.085	46.83	.049	1441.3	81
90	-1.771	-1.773	.179	34.343	27.665	30.073	32.452	37.121	43.14	.054	1441.6	91
100	-1.770	-1.772	.189	34.361	27.680	30.088	32.466	37.135	41.69	.059	1441.8	101
125	-1.709	-1.712	.272	34.405	27.713	30.120	32.497	37.164	38.40	.068	1442.6	126
150	-1.680	-1.683	.321	34.426	27.730	30.137	32.513	37.179	36.68	.077	1443.2	151
175	-1.523	-1.528	.497	34.449	27.744	30.149	32.523	37.184	35.26	.086	1444.4	177
200	-1.303	-1.308	.739	34.474	27.757	30.158	32.529	37.183	34.03	.095	1445.8	202
225	- .926	- .932	1.137	34.518	27.780	30.174	32.539	37.181	32.06	.103	1448.1	227
250	- .345	- .354	1.739	34.564	27.792	30.178	32.534	37.158	31.20	.111	1451.2	253
275	.107	.096	2.213	34.614	27.809	30.188	32.537	37.148	29.91	.119	1453.8	278
300	.350	.337	2.476	34.637	27.815	30.190	32.535	37.139	29.58	.126	1455.4	303
325	.469	.455	2.615	34.649	27.818	30.191	32.535	37.135	29.46	.133	1456.3	328
350	.471	.456	2.636	34.653	27.821	30.194	32.538	37.138	29.17	.141	1456.8	354
375	.496	.480	2.681	34.659	27.824	30.198	32.540	37.140	28.90	.148	1457.3	379
400	.497	.479	2.701	34.662	27.826	30.200	32.542	37.142	28.74	.155	1457.7	404
425	.481	.462	2.704	34.663	27.828	30.202	32.545	37.145	28.54	.162	1458.1	430
450	.475	.455	2.716	34.663	27.828	30.202	32.545	37.146	28.55	.170	1458.4	455
475	.461	.440	2.722	34.663	27.829	30.203	32.547	37.148	28.48	.177	1458.8	480
500	.434	.412	2.714	34.662	27.830	30.205	32.549	37.151	28.33	.184	1459.1	505
550	.354	.329	2.671	34.662	27.835	30.211	32.556	37.160	27.84	.198	1459.6	556
600	.242	.216	2.598	34.662	27.841	30.218	32.565	37.173	27.13	.212	1459.9	607
650	- .105	- .132	2.288	34.653	27.852	30.235	32.587	37.205	25.43	.225	1459.1	657
700	- .410	- .437	2.021	34.642	27.858	30.245	32.602	37.228	24.27	.237	1458.6	708
750	- .757	- .785	1.711	34.630	27.864	30.256	32.618	37.255	22.90	.249	1457.8	759
800	- .844	- .873	1.661	34.628	27.865	30.260	32.623	37.262	22.40	.260	1458.2	809
850	- .877	- .908	1.667	34.630	27.868	30.263	32.627	37.268	21.90	.271	1458.9	860
873	- .891	- .923	1.671	34.631	27.870	30.265	32.629	37.270	21.69	.276	1459.2	884

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM. 5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.72	-0.72	1.14	33.991	27.35	29.74					B		0	172
10	-0.72	-0.72	1.15	33.980	27.34	29.73		59	2.16			C1	0	172
50	-1.77	-1.77	0.14	34.244	27.58	29.99		67	2.59			C1	0	172
150	-1.69	-1.69	0.31	34.425	27.73	30.14		84	2.39			C1	0	172
225	-0.99	-1.00	1.07	34.515	27.78	30.18		97	2.43			C1	0	172
350	0.47	0.45	2.64	34.652	27.82	30.19		107	2.40			C1	0	172
500	0.45	0.43	2.73	34.662	27.83	30.20		110	2.39			C1	0	172
654	-0.09	-0.12	2.31	34.655	27.85	30.24		91	2.44				0	172
871	-0.88	-0.91	1.68	34.636	27.87	30.27		91	2.14				0	172

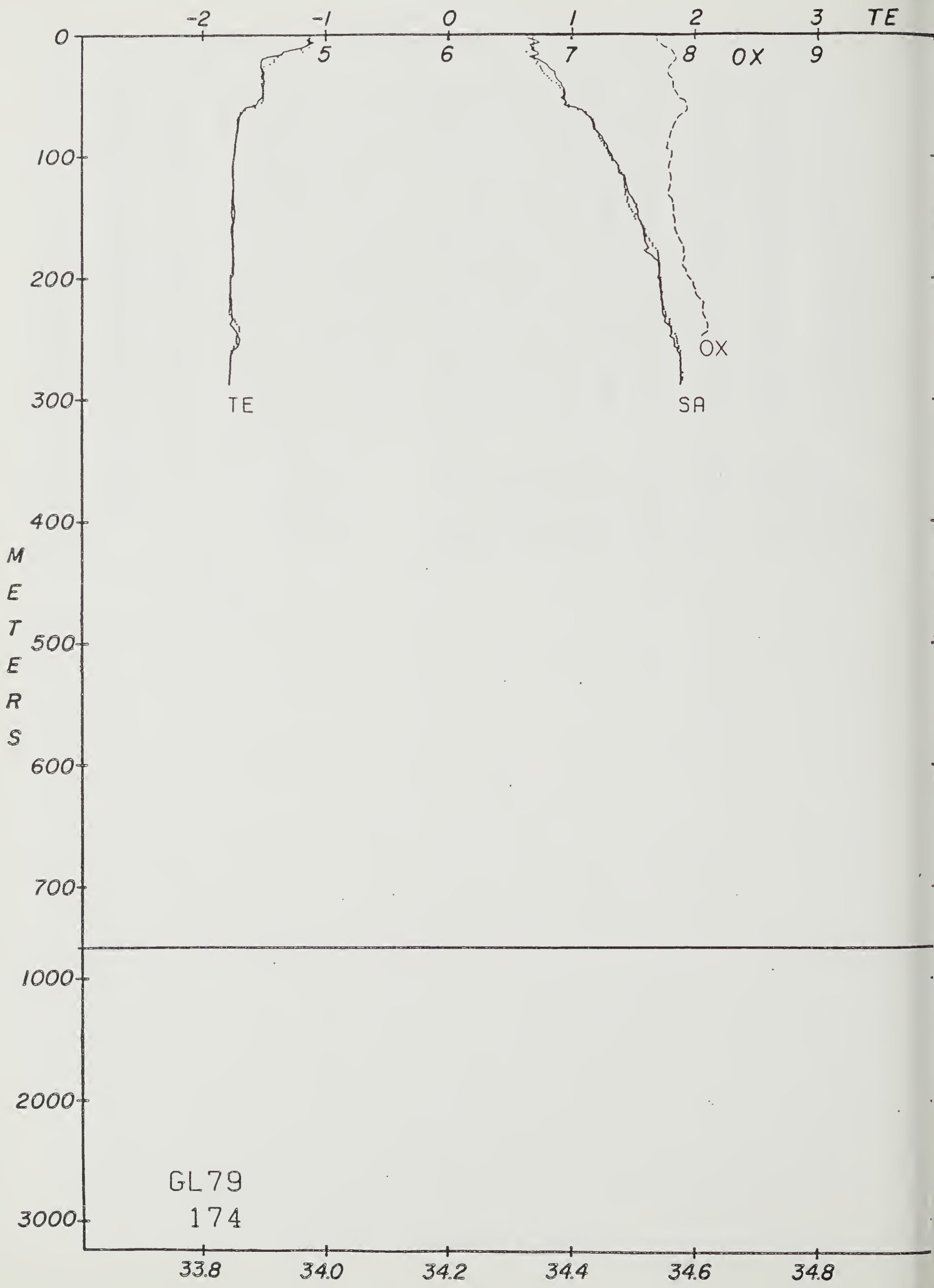




LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 65 46.8S 141 27.6E 537 472 999.3 210 8 0.6 0 25 0 1647 27DEC78 GL 79 1 173

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .907	- .907	.961	34.098	27.439	29.835	32.201	36.846	65.05	0.000	1443.9	0
10	- .877	- .877	.998	34.093	27.434	29.829	32.195	36.839	65.52	.007	1444.2	10
20	- .921	- .922	.961	34.093	27.435	29.832	32.198	36.844	65.33	.013	1444.1	20
30	-1.173	-1.174	.720	34.135	27.479	29.879	32.249	36.901	61.17	.019	1443.2	30
40	-1.634	-1.635	.275	34.274	27.605	30.012	32.389	37.054	49.09	.025	1441.4	40
50	-1.726	-1.728	.193	34.340	27.661	30.069	32.447	37.115	43.73	.030	1441.2	50
60	-1.727	-1.728	.203	34.381	27.695	30.102	32.480	37.147	40.51	.034	1441.4	61
70	-1.689	-1.690	.250	34.399	27.708	30.115	32.492	37.158	39.21	.038	1441.8	71
80	-1.623	-1.625	.324	34.430	27.731	30.137	32.513	37.177	36.96	.042	1442.3	81
90	-1.515	-1.517	.441	34.453	27.747	30.151	32.525	37.186	35.41	.045	1443.0	91
100	-1.459	-1.461	.506	34.461	27.752	30.155	32.528	37.187	34.95	.049	1443.4	101
125	- .855	- .859	1.132	34.531	27.787	30.180	32.544	37.184	31.73	.057	1446.8	126
150	- .191	- .197	1.819	34.593	27.808	30.191	32.545	37.164	29.94	.065	1450.3	151
175	.130	.123	2.161	34.628	27.820	30.198	32.546	37.157	28.99	.072	1452.3	177
200	.388	.380	2.440	34.654	27.826	30.201	32.545	37.148	28.50	.079	1453.9	202
225	.486	.476	2.557	34.667	27.831	30.204	32.547	37.146	28.15	.086	1454.8	227
250	.515	.505	2.606	34.672	27.834	30.206	32.549	37.148	27.93	.093	1455.3	253
275	.505	.493	2.614	34.673	27.835	30.208	32.551	37.150	27.80	.100	1455.7	278
300	.459	.446	2.588	34.674	27.838	30.212	32.555	37.156	27.49	.107	1455.9	303
325	- .775	- .785	1.368	34.591	27.832	30.225	32.587	37.224	26.93	.114	1450.5	328
350	-1.771	-1.779	.389	34.563	27.843	30.251	32.628	37.296	24.81	.121	1446.3	354
375	-1.818	-1.827	.362	34.571	27.851	30.260	32.638	37.307	23.89	.127	1446.5	379
400	-1.837	-1.846	.362	34.576	27.856	30.264	32.643	37.313	23.27	.133	1446.8	404
425	-1.837	-1.847	.382	34.594	27.870	30.278	32.657	37.326	21.81	.138	1447.2	430
450	-1.742	-1.753	.497	34.607	27.878	30.285	32.662	37.328	21.02	.144	1448.1	455
456	-1.740	-1.752	.503	34.606	27.877	30.285	32.661	37.328	21.06	.145	1448.2	461

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.91	-0.91	0.96	34.084	27.43	29.82						B	0	173
5	-0.88	-0.88	0.99	34.098	27.44	29.83		62	2.00			D15	0	173
60	-1.72	-1.72	0.21	34.381	27.69	30.10		65	2.12			D15	0	173
200	0.37	0.36	2.42	34.650	27.82	30.20		86	2.14			D5C1	0	173
250	0.51	0.50	2.60	34.671	27.83	30.21		100	2.39				0	173
377	-1.82	-1.83	0.36	34.561	27.84	30.25		74	2.27				0	173
415	-1.84	-1.85	0.37	34.576	27.86	30.26		75	2.26				0	173
468	-1.74	-1.75	0.51	34.606	27.88	30.28						C1	0	173



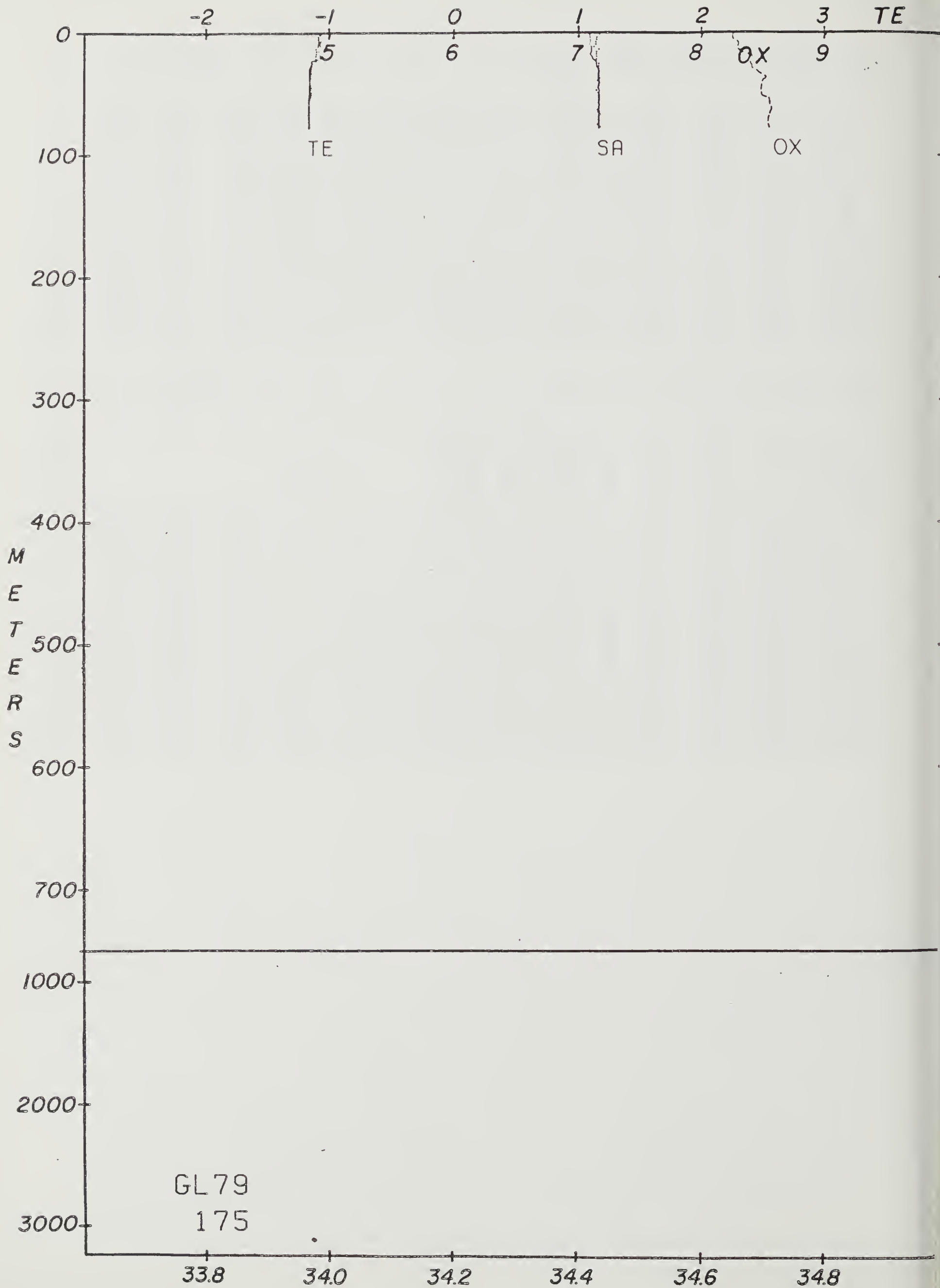
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 15.7S	141 35.8E	537	290	1001.4	0	0	3.9	0	61	0	32	28DEC78	GL	79	1	174

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.117	-1.117	.764	34.329	27.634	30.032	32.400	37.050	46.63	0.000	1443.2	0
10	-1.207	-1.207	.682	34.335	27.642	30.041	32.411	37.063	45.81	.005	1443.0	10
20	-1.510	-1.510	.388	34.348	27.662	30.066	32.440	37.101	43.89	.009	1441.7	20
30	-1.501	-1.502	.405	34.372	27.681	30.085	32.459	37.119	42.03	.013	1441.9	30
40	-1.498	-1.499	.417	34.385	27.691	30.095	32.469	37.130	40.96	.018	1442.2	40
50	-1.511	-1.512	.411	34.390	27.696	30.100	32.474	37.135	40.51	.022	1442.3	50
60	-1.640	-1.641	.291	34.408	27.714	30.120	32.496	37.161	38.71	.026	1441.8	61
70	-1.696	-1.698	.244	34.435	27.737	30.144	32.521	37.187	36.44	.029	1441.8	71
80	-1.709	-1.711	.239	34.444	27.745	30.152	32.529	37.196	35.62	.033	1441.9	81
90	-1.725	-1.727	.231	34.458	27.757	30.164	32.541	37.209	34.44	.036	1442.0	91
100	-1.738	-1.740	.227	34.468	27.765	30.172	32.550	37.217	33.63	.040	1442.1	101
125	-1.741	-1.743	.245	34.492	27.785	30.192	32.569	37.236	31.61	.048	1442.6	126
150	-1.731	-1.735	.274	34.511	27.800	30.207	32.584	37.251	30.00	.056	1443.1	152
175	-1.741	-1.745	.284	34.525	27.811	30.219	32.596	37.262	28.83	.063	1443.4	177
200	-1.763	-1.768	.282	34.545	27.828	30.236	32.614	37.281	27.05	.070	1443.8	202
225	-1.750	-1.755	.315	34.551	27.833	30.240	32.617	37.284	26.53	.077	1444.3	227
250	-1.688	-1.694	.397	34.568	27.845	30.252	32.628	37.293	25.23	.083	1445.0	253
275	-1.765	-1.771	.339	34.580	27.857	30.264	32.642	37.309	23.95	.089	1445.1	278
285	-1.770	-1.776	.342	34.579	27.856	30.264	32.641	37.308	23.96	.092	1445.2	288

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 15.7S	141 35.8E	537	290	1001.4	0	0	4.4	0	0	0	110	28DEC78	GL	79	2	174

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.13	-1.13	0.75	34.344	27.65	30.04						B	0	174
37	-1.52	-1.52	0.39	34.376	27.68	30.09							2	174
104	-1.74	-1.74	0.23	34.459	27.76	30.17		74	2.21				2	174
249	-1.71	-1.72	0.37	34.568	27.85	30.25		70	2.31				2	174
284	-1.77	-1.78	0.34	34.574	27.85	30.26		74	2.21				2	174

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.130	-1.130	.752	34.339	27.642	30.041	32.409	37.059	45.82	0.000	1443.2	0
10	-1.146	-1.147	.743	34.339	27.643	30.041	32.410	37.060	45.74	.005	1443.2	10
20	-1.412	-1.412	.485	34.342	27.654	30.057	32.430	37.088	44.61	.009	1442.2	20
30	-1.514	-1.514	.392	34.355	27.668	30.072	32.446	37.108	43.24	.013	1441.9	30
40	-1.511	-1.512	.403	34.378	27.686	30.090	32.465	37.126	41.45	.018	1442.1	40
50	-1.499	-1.501	.423	34.389	27.695	30.099	32.473	37.133	40.60	.022	1442.3	50
60	-1.591	-1.593	.339	34.403	27.708	30.113	32.489	37.152	39.25	.026	1442.1	61
70	-1.706	-1.707	.234	34.435	27.738	30.145	32.522	37.188	36.36	.030	1441.7	71
80	-1.715	-1.716	.234	34.444	27.745	30.152	32.529	37.196	35.60	.033	1441.9	81
90	-1.727	-1.729	.230	34.455	27.754	30.162	32.539	37.206	34.67	.037	1442.0	91
100	-1.735	-1.737	.230	34.465	27.763	30.170	32.547	37.215	33.84	.040	1442.1	101
125	-1.740	-1.743	.245	34.489	27.782	30.190	32.567	37.234	31.87	.048	1442.6	126
150	-1.746	-1.750	.259	34.507	27.797	30.204	32.582	37.249	30.31	.056	1443.0	152
175	-1.743	-1.747	.283	34.540	27.824	30.231	32.608	37.275	27.63	.063	1443.4	177
200	-1.763	-1.767	.283	34.547	27.830	30.238	32.615	37.282	26.88	.070	1443.8	202
225	-1.768	-1.774	.296	34.554	27.836	30.243	32.621	37.288	26.21	.077	1444.2	227
250	-1.713	-1.719	.372	34.575	27.851	30.258	32.634	37.300	24.66	.083	1444.9	253
275	-1.764	-1.771	.340	34.582	27.858	30.266	32.643	37.310	23.82	.089	1445.1	278
283	-1.771	-1.777	.340	34.580	27.857	30.265	32.642	37.309	23.89	.091	1445.2	286



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 43.7S	141 42.8E	537	79	1000.7	150	16	4.4	0	7400	0	702	28DEC78	GL	79	1	175

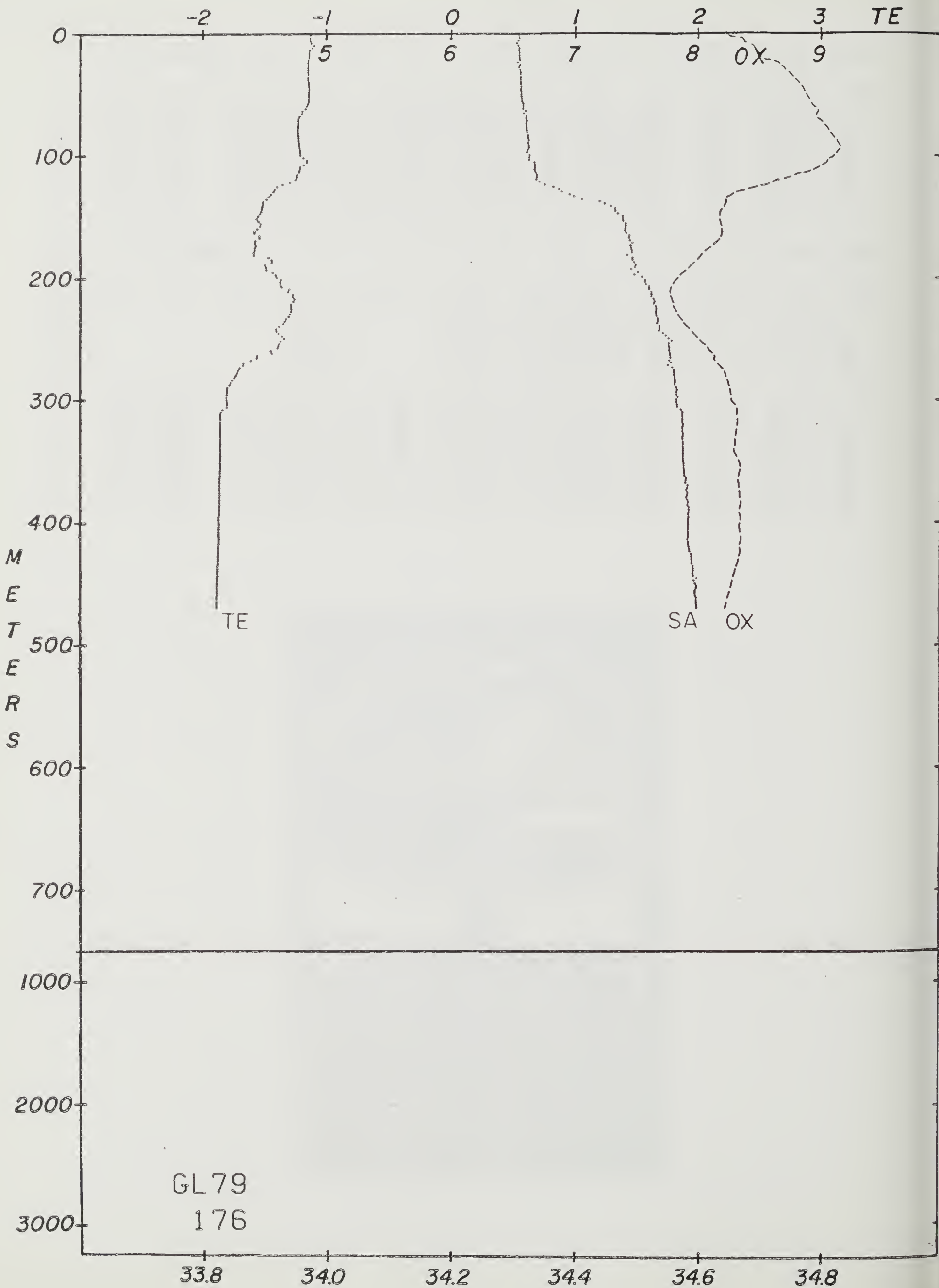
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.087	-1.087	.799	34.414	27.701	30.099	32.466	37.114	40.22	0.000	1443.5	0
10	-1.091	-1.091	.803	34.417	27.704	30.101	32.469	37.117	39.93	.004	1443.6	10
20	-1.100	-1.101	.801	34.420	27.706	30.104	32.472	37.120	39.66	.008	1443.7	20
30	-1.177	-1.178	.732	34.431	27.718	30.117	32.485	37.136	38.53	.012	1443.6	30
40	-1.179	-1.180	.738	34.431	27.719	30.117	32.486	37.137	38.43	.016	1443.7	40
50	-1.181	-1.183	.744	34.432	27.719	30.118	32.487	37.137	38.35	.020	1443.9	50
60	-1.185	-1.186	.748	34.431	27.718	30.117	32.486	37.137	38.36	.023	1444.0	61
70	-1.183	-1.185	.757	34.431	27.719	30.117	32.486	37.137	38.30	.027	1444.2	71
78	-1.184	-1.186	.763	34.431	27.719	30.117	32.486	37.137	38.27	.030	1444.3	79

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 43.7S	141 42.8E	537	79	1000.7	150	12	5.0	0	0	0	711	28DEC78	GL	79	2	175

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.10	-1.10	0.79	34.424	27.71	30.11						B	0	175
9	-1.10	-1.10	0.79	34.450	27.73	30.13		68	2.21				2	175
14	-1.13	-1.13	0.77	34.430	27.72	30.11		69	2.19				2	175
20	-1.12	-1.12	0.78	34.436	27.72	30.12		70	2.14				2	175
24	-1.13	-1.13	0.77	34.427	27.71	30.11		68	2.17				2	175
36	-1.17	-1.17	0.74	34.430	27.72	30.12		70	2.20				2	175

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.095	-1.095	.792	34.432	27.716	30.113	32.481	37.129	38.82	0.000	1443.4	0
10	-1.103	-1.104	.791	34.426	27.711	30.109	32.477	37.125	39.23	.004	1443.6	10
20	-1.124	-1.124	.778	34.428	27.714	30.112	32.480	37.129	38.94	.008	1443.6	20
30	-1.163	-1.164	.746	34.429	27.717	30.115	32.483	37.133	38.66	.012	1443.6	30
40	-1.175	-1.176	.742	34.429	27.717	30.116	32.484	37.135	38.60	.016	1443.7	40
50	-1.166	-1.168	.759	34.430	27.717	30.116	32.484	37.134	38.52	.019	1443.9	50
60	-1.181	-1.182	.752	34.431	27.719	30.117	32.486	37.137	38.34	.023	1444.0	61
70	-1.183	-1.185	.757	34.431	27.719	30.117	32.486	37.137	38.30	.027	1444.2	71
78	-1.184	-1.186	.763	34.431	27.719	30.117	32.486	37.137	38.27	.030	1444.3	79

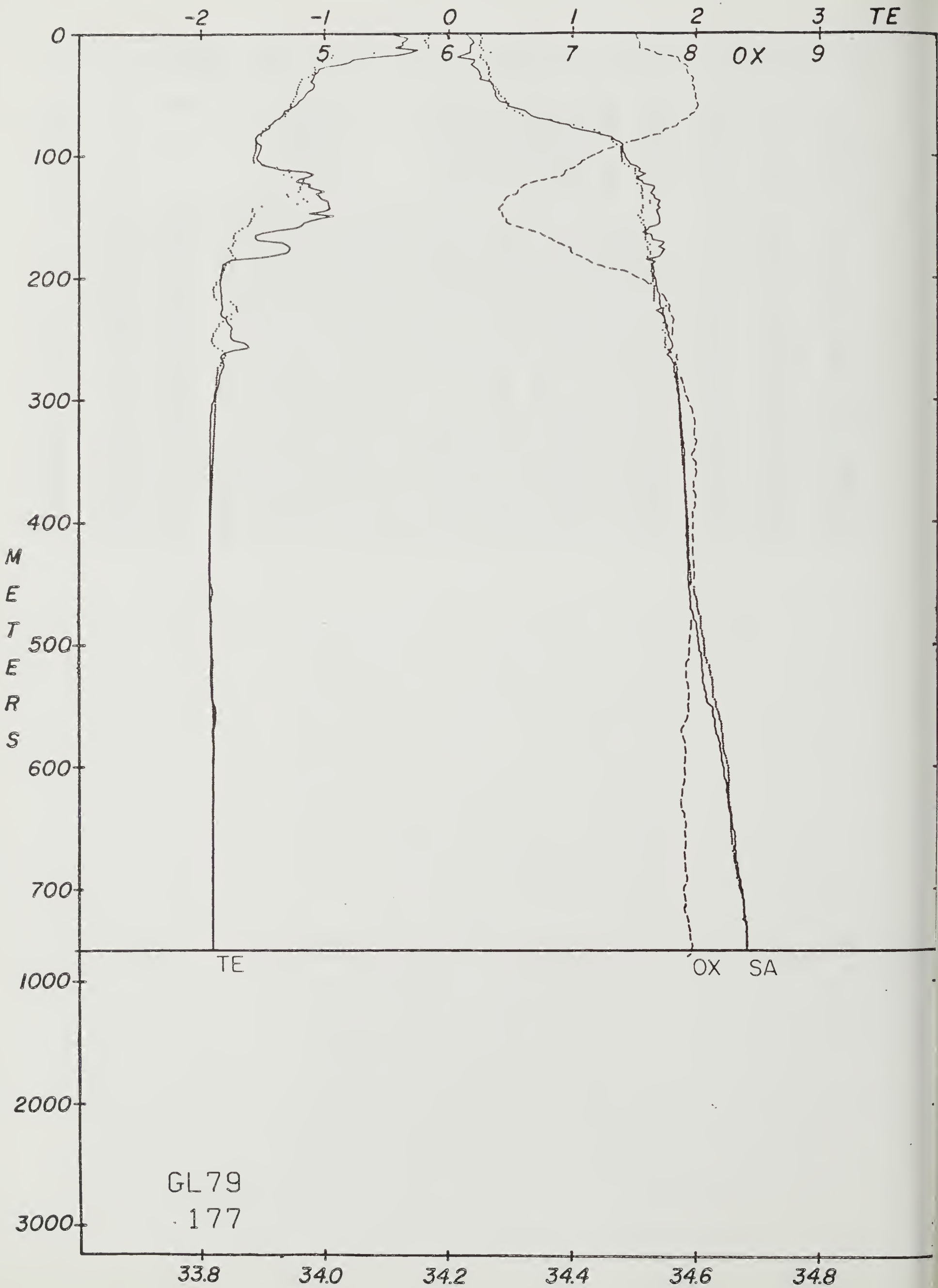




LATITUDE	LONGITUDE	MAR	DPH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 44.8S	143 19.7E	537	494	999.3	120	4	5.6	0		12	0	1934	28DEC78	GL	79	2	176

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
21	-1.15	-1.13	0.75	34.318	27.63	30.02		67	2.09				2	176
93	-1.23	-1.23	0.72	34.335	27.64	30.04		70	2.18				2	176
160	-1.57	-1.57	0.44	34.478	27.77	30.17		75	2.11				2	176
257	-1.39	-1.40	0.70	34.552	27.82	30.23		78	2.16				2	176
350	-1.86	-1.87	0.30	34.583	27.86	30.27		73	2.31				2	176
471	-1.89	-1.90	0.36	34.598	27.87	30.28		76	2.50			C1D4	2	176
492	-1.96	-1.97	0.31	34.629	27.90	30.31		75	2.03				2	176

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.136	-1.136	.744	34.309	27.618	30.017	32.386	37.036	48.10	0.000	1443.1	0
10	-1.116	-1.116	.772	34.308	27.617	30.015	32.383	37.033	48.20	.005	1443.3	10
20	-1.149	-1.150	.746	34.310	27.620	30.019	32.387	37.038	47.86	.010	1443.4	20
30	-1.156	-1.157	.747	34.311	27.621	30.020	32.389	37.040	47.73	.014	1443.5	30
40	-1.151	-1.152	.760	34.312	27.621	30.020	32.389	37.040	47.65	.019	1443.7	40
50	-1.150	-1.152	.768	34.313	27.622	30.021	32.390	37.040	47.53	.024	1443.8	50
60	-1.172	-1.174	.753	34.316	27.625	30.025	32.394	37.045	47.15	.029	1443.9	61
70	-1.234	-1.236	.700	34.321	27.631	30.031	32.402	37.055	46.55	.033	1443.8	71
80	-1.240	-1.242	.702	34.322	27.632	30.032	32.403	37.056	46.41	.038	1443.9	81
90	-1.231	-1.233	.719	34.324	27.634	30.034	32.404	37.057	46.22	.043	1444.1	91
100	-1.203	-1.206	.753	34.324	27.633	30.032	32.402	37.054	46.28	.047	1444.4	101
125	-1.409	-1.413	.569	34.367	27.674	30.077	32.450	37.108	42.15	.058	1443.9	126
150	-1.565	-1.569	.438	34.477	27.768	30.173	32.547	37.209	33.14	.068	1443.8	152
175	-1.587	-1.591	.426	34.491	27.780	30.185	32.559	37.222	31.90	.076	1444.1	177
200	-1.374	-1.380	.669	34.513	27.791	30.193	32.564	37.220	30.81	.084	1445.6	202
225	-1.292	-1.298	.771	34.531	27.804	30.204	32.574	37.227	29.57	.091	1446.4	227
250	-1.377	-1.384	.707	34.553	27.824	30.226	32.597	37.253	27.47	.098	1446.4	253
275	-1.728	-1.734	.375	34.561	27.840	30.247	32.624	37.290	25.54	.105	1445.2	278
300	-1.811	-1.818	.311	34.565	27.846	30.255	32.633	37.301	24.77	.111	1445.2	303
325	-1.863	-1.871	.278	34.575	27.856	30.265	32.644	37.314	23.70	.117	1445.4	328
350	-1.865	-1.874	.296	34.577	27.857	30.266	32.645	37.315	23.44	.123	1445.8	354
375	-1.870	-1.879	.310	34.583	27.862	30.271	32.650	37.321	22.80	.129	1446.2	379
400	-1.878	-1.887	.322	34.585	27.864	30.273	32.652	37.323	22.46	.135	1446.6	404
425	-1.882	-1.893	.336	34.590	27.868	30.277	32.656	37.327	21.93	.140	1447.0	430
450	-1.892	-1.903	.346	34.595	27.873	30.282	32.661	37.333	21.33	.146	1447.4	455
465	-1.893	-1.904	.357	34.598	27.875	30.284	32.664	37.335	21.05	.149	1447.6	470



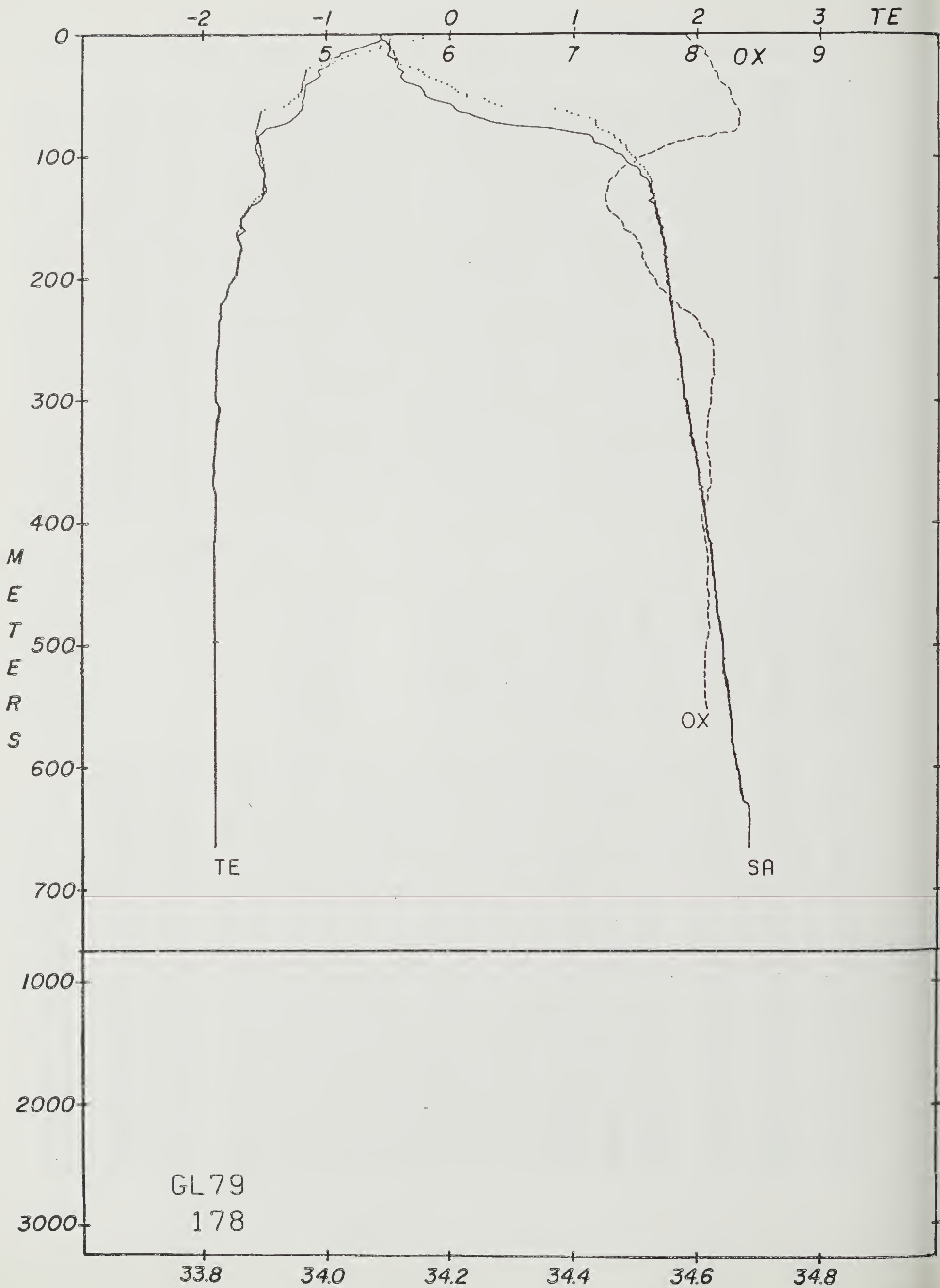
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 30.8S 143 11.6E 537 817 999.3 240 1 2.8 0 0 0 2201 28DEC78 GL 79 1 177

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.464	-1.464	1.412	34.228	27.526	29.915	32.274	36.905	56.81	0.000	1446.1	0
10	-1.365	-1.366	1.518	34.243	27.534	29.921	32.278	36.906	56.08	.006	1446.7	10
20	-1.608	-1.609	1.282	34.227	27.532	29.922	32.284	36.919	56.22	.011	1445.8	20
30	-1.040	-1.041	.859	34.247	27.565	29.962	32.330	36.977	53.06	.017	1443.9	30
40	-1.093	-1.094	.815	34.265	27.581	29.979	32.347	36.997	51.43	.022	1443.9	40
50	-1.145	-1.146	.771	34.277	27.593	29.991	32.361	37.011	50.30	.027	1443.8	50
60	-1.244	-1.245	.681	34.303	27.617	30.017	32.387	37.041	47.98	.032	1443.6	61
70	-1.374	-1.375	.562	34.352	27.661	30.063	32.436	37.093	43.69	.037	1443.2	71
80	-1.482	-1.484	.465	34.423	27.722	30.125	32.499	37.158	37.89	.041	1442.9	81
90	-1.520	-1.522	.438	34.480	27.769	30.173	32.547	37.207	33.37	.044	1443.0	91
100	-1.532	-1.535	.434	34.487	27.775	30.179	32.553	37.214	32.71	.047	1443.1	101
125	-1.099	-1.102	.888	34.526	27.793	30.190	32.557	37.204	31.11	.055	1445.6	126
150	-1.989	-1.993	1.018	34.541	27.800	30.196	32.562	37.205	30.32	.063	1446.6	152
175	-1.283	-1.288	.743	34.547	27.816	30.216	32.586	37.229	28.63	.071	1445.6	177
200	-1.830	-1.834	.215	34.536	27.823	30.231	32.610	37.279	27.57	.078	1443.4	202
225	-1.819	-1.824	.245	34.544	27.829	30.237	32.616	37.285	26.84	.084	1443.9	227
250	-1.688	-1.694	.396	34.562	27.840	30.246	32.623	37.287	25.74	.091	1445.0	253
275	-1.826	-1.833	.277	34.567	27.848	30.257	32.635	37.304	24.71	.097	1444.8	278
300	-1.896	-1.903	.227	34.574	27.856	30.265	32.645	37.316	23.81	.103	1444.9	303
325	-1.915	-1.922	.228	34.580	27.861	30.270	32.650	37.322	23.18	.109	1445.2	328
350	-1.916	-1.924	.245	34.584	27.864	30.274	32.654	37.325	22.72	.115	1445.6	354
375	-1.919	-1.927	.262	34.586	27.865	30.275	32.655	37.327	22.42	.121	1446.0	379
400	-1.921	-1.930	.279	34.587	27.866	30.276	32.656	37.328	22.19	.126	1446.4	404
425	-1.916	-1.926	.302	34.590	27.868	30.278	32.658	37.330	21.85	.132	1446.9	430
450	-1.920	-1.931	.318	34.592	27.870	30.280	32.660	37.332	21.53	.137	1447.3	455
475	-1.908	-1.920	.349	34.600	27.877	30.287	32.666	37.338	20.75	.142	1447.7	480
500	-1.908	-1.920	.369	34.609	27.884	30.294	32.673	37.345	19.96	.147	1448.2	505
550	-1.868	-1.882	.448	34.631	27.901	30.310	32.689	37.359	18.16	.157	1449.2	556
600	-1.890	-1.905	.465	34.649	27.916	30.326	32.705	37.376	16.37	.166	1450.0	607
650	-1.888	-1.905	.506	34.667	27.931	30.340	32.719	37.390	14.74	.173	1450.9	657
700	-1.887	-1.906	.546	34.680	27.941	30.351	32.730	37.400	13.45	.180	1451.7	708
750	-1.888	-1.909	.583	34.691	27.950	30.360	32.739	37.409	12.35	.187	1452.6	759
800	-1.888	-1.910	.622	34.703	27.960	30.369	32.748	37.419	11.18	.193	1453.4	809

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 30.8S 143 11.6E 537 817 999.0 0 0 3.3 0 0 0 2253 28DEC78 GL 79 2 177

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.15	-0.15	1.73	34.259	27.54	29.92		66	2.17			B	0	177
13	-0.28	-0.28	1.61	34.259	27.54	29.93		67	1.97				2	177
36	-1.12	-1.12	0.78	34.268	27.58	29.98		69	1.93				2	177
82	-1.50	-1.50	0.45	34.443	27.74	30.14		67	1.94				2	177
103	-1.57	-1.57	0.40	34.481	27.77	30.18		75	2.01				2	177
123	-1.18	-1.18	0.81	34.515	27.79	30.18		79	2.50			D4	2	177
212	-1.89	-1.89	0.16	34.534	27.82	30.23		74	2.25				2	177
405	-1.92	-1.93	0.28	34.585	27.86	30.27		76	2.10				2	177
562	-1.89	-1.90	0.44	34.639	27.91	30.32		74	2.32				2	177
715	-1.89	-1.91	0.55	34.689	27.95	30.36		74	2.29				2	177
799	-1.89	-1.91	0.62	34.703	27.96	30.37		76	2.08				2	177

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.150	-1.150	1.727	34.254	27.533	29.916	32.270	36.892	56.20	0.000	1447.6	0
10	-1.148	-1.149	1.736	34.254	27.532	29.916	32.270	36.891	56.21	.006	1447.7	10
20	-1.959	-1.959	.933	34.256	27.569	29.965	32.331	36.976	52.72	.011	1444.2	20
30	-1.070	-1.071	.830	34.266	27.581	29.979	32.347	36.995	51.48	.016	1443.8	30
40	-1.190	-1.191	.719	34.271	27.589	29.989	32.358	37.011	50.67	.021	1443.4	40
50	-1.219	-1.221	.597	34.284	27.601	30.001	32.371	37.024	49.53	.026	1443.5	50
60	-1.266	-1.268	.659	34.299	27.614	30.015	32.386	37.040	48.18	.031	1443.4	61
70	-1.369	-1.371	.566	34.353	27.662	30.064	32.436	37.093	43.63	.036	1443.2	71
80	-1.493	-1.495	.455	34.439	27.735	30.138	32.512	37.172	36.65	.040	1442.9	81
90	-1.543	-1.545	.414	34.470	27.761	30.166	32.540	37.201	34.07	.043	1442.9	91
100	-1.561	-1.564	.404	34.481	27.771	30.175	32.550	37.211	33.13	.047	1443.0	101
125	-1.187	-1.191	.799	34.514	27.786	30.184	32.553	37.203	31.72	.055	1445.2	126
130	-1.576	-1.579	.430	34.511	27.796	30.200	32.575	37.237	30.50	.063	1443.8	152
175	-1.759	-1.763	.266	34.525	27.812	30.220	32.597	37.265	28.72	.070	1443.4	177
200	-1.841	-1.846	.203	34.532	27.819	30.229	32.607	37.277	27.85	.077	1443.4	202
225	-1.694	-1.700	.370	34.548	27.829	30.236	32.612	37.277	26.88	.084	1444.5	227
250	-1.899	-1.904	.185	34.552	27.837	30.247	32.627	37.298	25.83	.091	1444.0	253
275	-1.854	-1.860	.250	34.572	27.852	30.262	32.640	37.310	24.29	.097	1444.6	278
300	-1.871	-1.878	.252	34.575	27.856	30.265	32.644	37.314	23.84	.103	1445.0	303
325	-1.882	-1.890	.260	34.578	27.858	30.267	32.647	37.318	23.43	.109	1445.3	328
350	-1.894	-1.902	.267	34.582	27.861	30.271	32.650	37.322	22.97	.115	1445.7	354
375	-1.905	-1.914	.275	34.586	27.865	30.275	32.655	37.326	22.45	.120	1446.1	379
400	-1.916	-1.926	.283	34.590	27.868	30.278	32.658	37.330	21.98	.126	1446.4	404
425	-1.920	-1.930	.299	34.591	27.869	30.279	32.659	37.331	21.75	.131	1446.8	430
450	-1.900	-1.911	.338	34.599	27.876	30.286	32.665	37.336	21.01	.137	1447.4	455
475	-1.909	-1.920	.349	34.611	27.885	30.295	32.675	37.346	19.97	.142	1447.8	480
500	-1.900	-1.913	.377	34.617	27.890	30.300	32.679	37.351	19.37	.147	1448.2	505
550	-1.887	-1.901	.429	34.640	27.909	30.318	32.697	37.368	17.38	.156	1449.2	556
600	-1.889	-1.904	.467	34.657	27.922	30.332	32.711	37.382	15.79	.164	1450.0	607
650	-1.889	-1.906	.505	34.662	27.927	30.336	32.715	37.386	15.11	.172	1450.9	657
700	-1.887	-1.906	.545	34.680	27.941	30.351	32.730	37.400	13.45	.179	1451.7	708
750	-1.888	-1.908	.583	34.690	27.949	30.358	32.737	37.408	12.47	.185	1452.6	759
798	-1.889	-1.911	.620	34.708	27.964	30.373	32.753	37.423	10.80	.191	1453.4	808



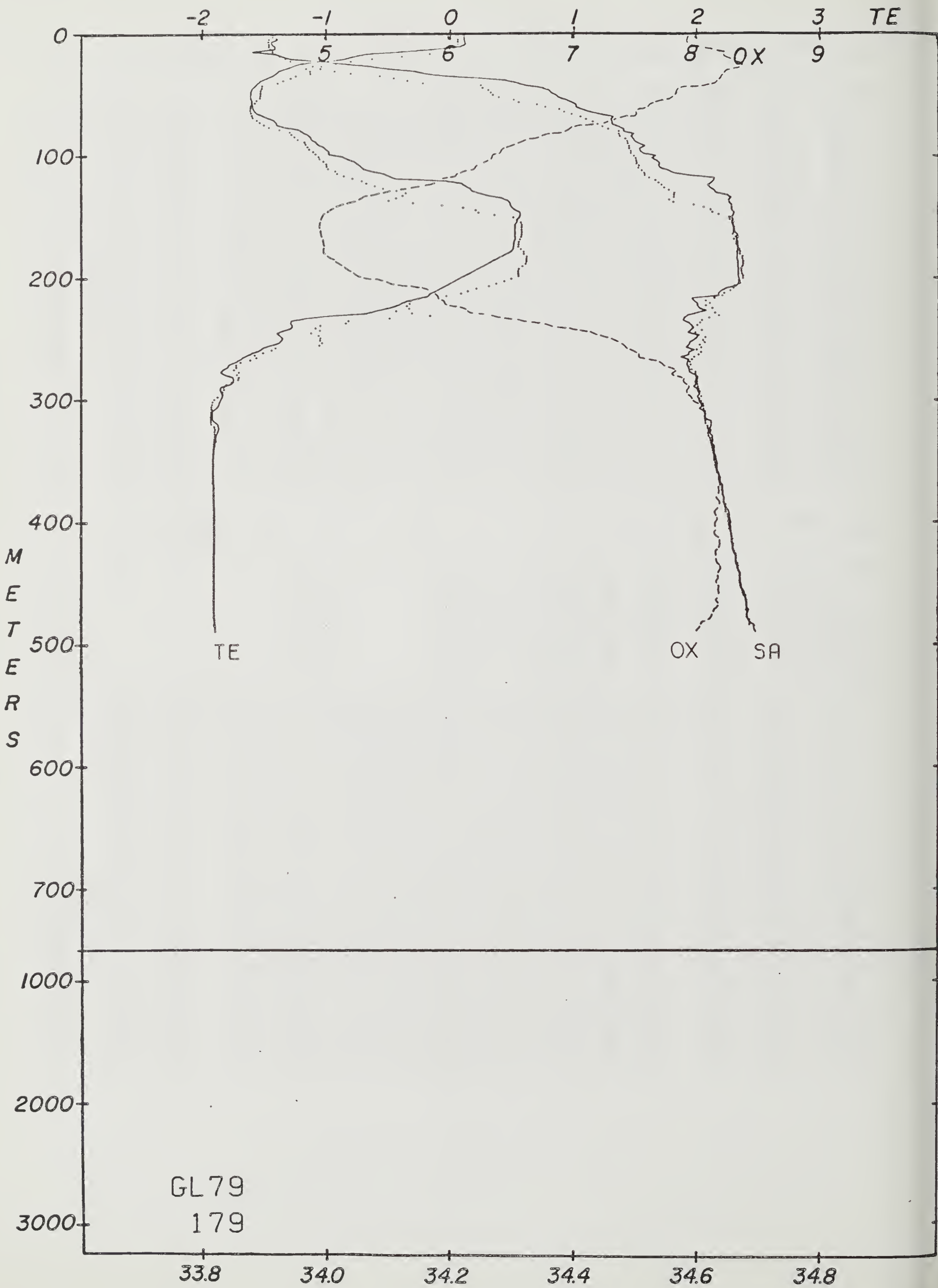
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 18.9S 143 18.8E 537 670 996.6 0 0 5.6 0 3 0 135 29DEC78 GL 79 1 178

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.550	-1.550	1.318	34.088	27.417	29.807	32.168	36.803	67.16	0.000	1445.5	0
10	-1.697	-1.698	1.178	34.101	27.433	29.826	32.189	36.828	65.58	.007	1445.0	10
20	-1.946	-1.947	.937	34.108	27.449	29.845	32.212	36.858	64.07	.013	1444.0	20
30	-1.054	-1.055	.838	34.121	27.463	29.861	32.229	36.879	62.66	.019	1443.7	30
40	-1.130	-1.131	.770	34.132	27.474	29.874	32.243	36.895	61.53	.026	1443.5	40
50	-1.174	-1.175	.735	34.161	27.499	29.899	32.269	36.922	59.12	.032	1443.5	50
60	-1.186	-1.188	.734	34.208	27.538	29.938	32.308	36.960	55.41	.037	1443.7	61
70	-1.273	-1.275	.657	34.259	27.582	29.983	32.354	37.009	51.19	.043	1443.5	71
80	-1.507	-1.509	.438	34.392	27.697	30.101	32.475	37.136	40.21	.047	1442.8	81
90	-1.559	-1.561	.397	34.440	27.738	30.143	32.517	37.179	36.29	.051	1442.8	91
100	-1.541	-1.543	.425	34.481	27.770	30.174	32.548	37.210	33.21	.055	1443.1	101
125	-1.481	-1.484	.506	34.526	27.805	30.209	32.582	37.241	29.76	.062	1443.8	126
150	-1.669	-1.673	.337	34.536	27.819	30.225	32.601	37.265	28.30	.070	1443.4	151
175	-1.678	-1.682	.349	34.550	27.830	30.236	32.612	37.277	27.08	.077	1443.8	177
200	-1.742	-1.747	.304	34.553	27.835	30.242	32.619	37.286	26.47	.083	1443.9	202
225	-1.848	-1.853	.217	34.561	27.843	30.252	32.631	37.301	25.44	.090	1443.8	227
250	-1.863	-1.869	.221	34.569	27.851	30.260	32.639	37.309	24.60	.096	1444.2	253
275	-1.887	-1.893	.217	34.577	27.858	30.267	32.646	37.317	23.78	.102	1444.5	278
300	-1.872	-1.879	.251	34.587	27.865	30.274	32.653	37.323	22.95	.108	1445.0	303
325	-1.886	-1.894	.256	34.593	27.871	30.280	32.659	37.330	22.25	.114	1445.3	328
350	-1.910	-1.918	.253	34.602	27.879	30.288	32.668	37.339	21.33	.117	1445.7	354
375	-1.885	-1.894	.297	34.611	27.885	30.294	32.673	37.344	20.61	.124	1446.2	379
400	-1.893	-1.902	.208	34.619	27.892	30.301	32.680	37.351	19.84	.129	1446.6	404
425	-1.900	-1.911	.320	34.627	27.898	30.308	32.687	37.358	19.04	.134	1447.0	430
450	-1.898	-1.909	.342	34.631	27.902	30.311	32.691	37.361	18.60	.139	1447.4	455
475	-1.897	-1.909	.362	34.637	27.907	30.316	32.696	37.366	17.98	.144	1447.9	480
500	-1.895	-1.907	.384	34.645	27.913	30.322	32.701	37.372	17.26	.148	1448.3	505
550	-1.892	-1.906	.426	34.658	27.923	30.333	32.712	37.382	16.02	.156	1449.2	556
600	-1.890	-1.906	.466	34.671	27.934	30.344	32.723	37.393	14.69	.164	1450.0	607
650	-1.890	-1.907	.505	34.687	27.947	30.356	32.735	37.405	13.23	.171	1450.9	657
658	-1.892	-1.909	.510	34.687	27.947	30.356	32.735	37.406	13.17	.172	1451.0	666

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 18.9S 143 18.8E 537 670 995.6 0 0 4.4 0 0 0 216 29DEC78 GL 79 2 178

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.22	-0.22	1.65	34.111	27.42	29.91		13	0.26			D5B	0	178
14	-0.64	-0.64	1.24	34.112	27.44	29.93		63	1.92				2	178
50	-1.22	-1.22	0.69	34.232	27.56	29.96		65	2.10				2	178
124	-1.50	-1.50	0.49	34.528	27.81	30.21		78	2.31				2	178
255	-1.87	-1.88	0.22	34.569	27.85	30.26		74	2.07				2	178
398	-1.89	-1.90	0.31	34.618	27.89	30.30		73	2.14				2	178
645	-1.89	-1.91	0.50	34.689	27.95	30.36		73	2.06				2	178
656	-1.89	-1.91	0.51	34.681	27.94	30.35		75	2.09				2	178

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.215	-1.215	1.653	34.102	27.413	29.799	32.154	36.779	67.51	0.000	1447.1	0
10	-1.545	-1.545	1.331	34.103	27.429	29.819	32.180	36.814	65.98	.007	1445.7	10
20	-1.876	-1.877	1.008	34.112	27.449	29.845	32.210	36.855	64.02	.013	1444.3	20
30	-1.154	-1.155	.739	34.149	27.490	29.889	32.259	36.911	60.13	.019	1443.3	30
40	-1.188	-1.189	.716	34.190	27.524	29.924	32.294	36.947	56.86	.025	1443.3	40
50	-1.221	-1.222	.692	34.228	27.555	29.956	32.326	36.980	53.82	.031	1443.4	50
60	-1.390	-1.392	.536	34.318	27.654	30.037	32.409	37.067	46.30	.036	1442.9	61
70	-1.538	-1.540	.402	34.428	27.728	30.132	32.506	37.168	37.37	.040	1442.5	71
80	-1.565	-1.567	.384	34.452	27.747	30.152	32.527	37.189	35.46	.044	1442.6	81
90	-1.535	-1.537	.423	34.481	27.770	30.174	32.548	37.209	33.28	.047	1442.9	91
100	-1.510	-1.512	.457	34.498	27.783	30.187	32.561	37.221	31.94	.050	1443.2	101
125	-1.502	-1.505	.485	34.528	27.807	30.211	32.584	37.244	29.58	.058	1443.7	126
150	-1.679	-1.682	.328	34.540	27.822	30.228	32.604	37.269	28.00	.065	1443.3	152
175	-1.681	-1.685	.345	34.550	27.830	30.236	32.612	37.277	27.07	.072	1443.8	177
200	-1.751	-1.756	.295	34.556	27.837	30.244	32.622	37.288	26.25	.079	1443.8	202
225	-1.851	-1.856	.214	34.561	27.844	30.253	32.632	37.302	25.39	.085	1443.8	227
250	-1.867	-1.872	.218	34.569	27.850	30.259	32.638	37.309	24.64	.091	1444.2	253
275	-1.884	-1.890	.220	34.577	27.857	30.267	32.646	37.317	23.82	.097	1444.5	278
300	-1.879	-1.886	.244	34.584	27.863	30.273	32.652	37.323	23.10	.103	1444.9	303
325	-1.891	-1.899	.252	34.592	27.870	30.279	32.659	37.329	22.34	.109	1445.3	328
350	-1.902	-1.910	.261	34.603	27.879	30.288	32.668	37.339	21.31	.114	1445.7	354
375	-1.889	-1.898	.293	34.611	27.885	30.295	32.674	37.345	20.58	.120	1446.2	379
400	-1.891	-1.900	.310	34.618	27.891	30.300	32.679	37.350	19.92	.125	1446.6	404
425	-1.901	-1.911	.320	34.627	27.896	30.308	32.687	37.358	19.07	.130	1447.0	430
450	-1.898	-1.909	.342	34.631	27.902	30.311	32.691	37.362	18.60	.134	1447.4	455
475	-1.897	-1.909	.362	34.638	27.908	30.317	32.696	37.367	17.89	.139	1447.9	480
500	-1.895	-1.907	.384	34.645	27.913	30.322	32.701	37.372	17.26	.143	1448.3	505
550	-1.892	-1.906	.425	34.656	27.922	30.331	32.711	37.381	16.12	.152	1449.2	556
600	-1.890	-1.906	.466	34.672	27.934	30.344	32.723	37.393	14.69	.159	1450.0	607
617	-1.890	-1.906	.480	34.677	27.939	30.348	32.727	37.398	14.17	.162	1450.3	624



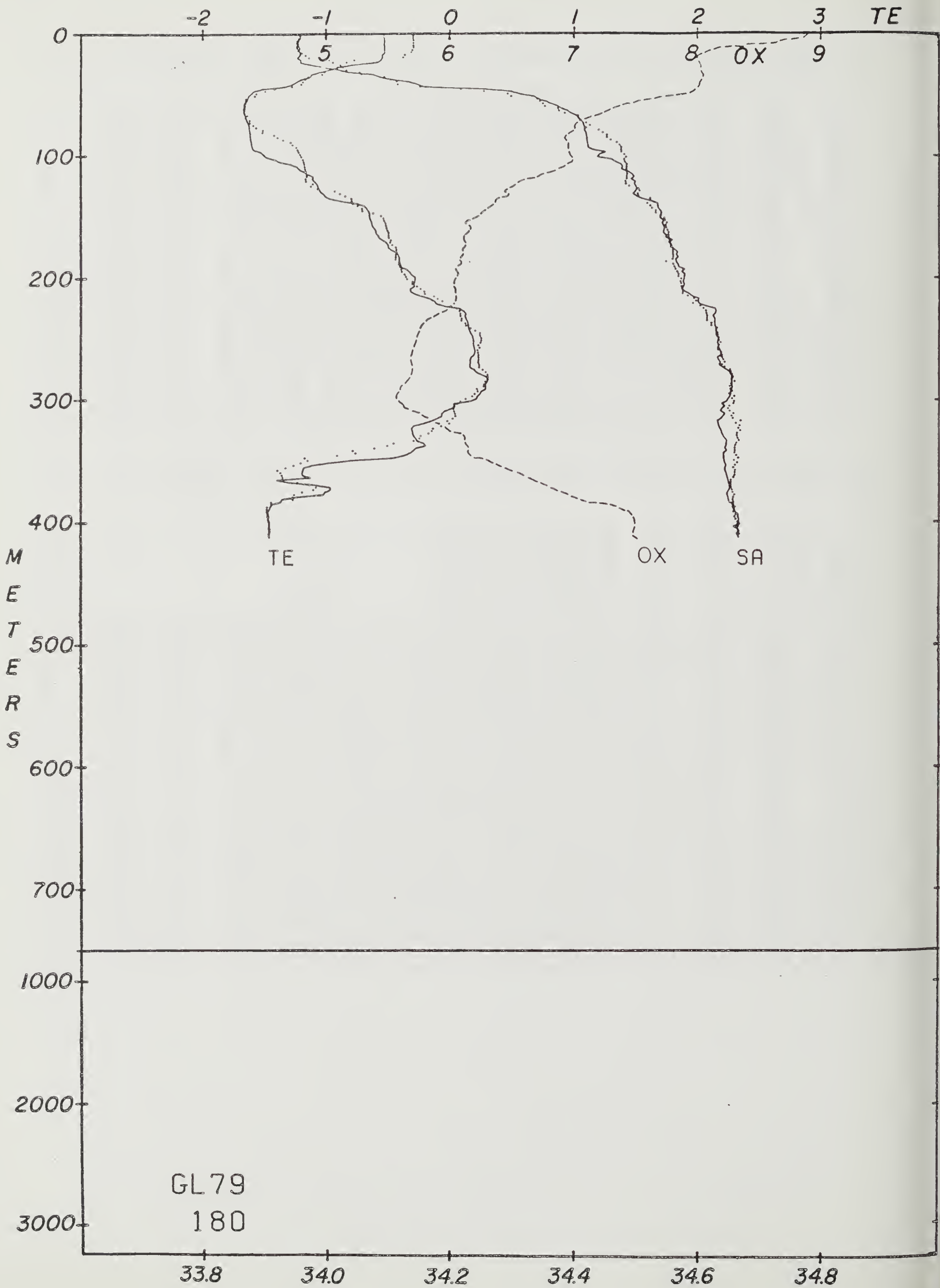
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	5.9S	143	12.7E	537	490	993.9	230	9	1.9	0	5	0	600	29DEC78	GL	79	1 179

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	.131	.131	1.988	33.920	27.250	29.630	31.981	36.597	83.02	0.000	1448.4	0
10	.055	.055	1.920	33.920	27.253	29.635	31.987	36.606	82.67	.008	1448.2	10
20	-.882	-.882	.993	33.957	27.324	29.720	32.087	36.732	75.88	.016	1444.1	20
30	-1.369	-1.370	.524	34.145	27.493	29.896	32.269	36.928	59.78	.023	1442.3	30
40	-1.544	-1.544	.367	34.312	27.633	30.038	32.413	37.076	46.47	.028	1441.8	40
50	-1.597	-1.598	.325	34.375	27.686	30.091	32.467	37.131	41.39	.033	1441.8	50
60	-1.574	-1.575	.357	34.410	27.714	30.119	32.494	37.157	38.73	.037	1442.2	61
70	-1.404	-1.405	.538	34.465	27.753	30.155	32.527	37.184	35.00	.040	1443.2	71
80	-1.169	-1.171	.782	34.490	27.766	30.164	32.533	37.183	33.77	.044	1444.5	81
90	-1.032	-1.034	.928	34.510	27.777	30.173	32.539	37.184	32.76	.047	1445.3	91
100	-.853	-.856	1.116	34.533	27.789	30.182	32.546	37.186	31.62	.050	1446.4	101
125	.176	.171	2.169	34.626	27.815	30.193	32.540	37.149	29.43	.058	1451.6	126
150	.562	.556	2.576	34.660	27.821	30.192	32.534	37.132	29.06	.065	1453.9	152
175	.513	.506	2.547	34.669	27.831	30.203	32.546	37.145	28.12	.072	1454.1	177
200	.047	.040	2.100	34.671	27.859	30.238	32.588	37.200	25.25	.079	1452.4	202
225	-.663	-.672	1.403	34.608	27.842	30.232	32.592	37.226	26.38	.086	1449.4	227
250	-1.398	-1.404	.688	34.592	27.856	30.258	32.629	37.285	24.44	.092	1446.4	253
275	-1.802	-1.809	.303	34.598	27.872	30.280	32.658	37.326	22.49	.098	1444.9	278
300	-1.860	-1.867	.265	34.610	27.884	30.292	32.671	37.341	21.22	.103	1445.1	303
325	-1.875	-1.882	.270	34.627	27.898	30.307	32.686	37.356	19.68	.108	1445.4	328
350	-1.900	-1.908	.265	34.636	27.906	30.315	32.695	37.366	18.78	.113	1445.8	354
375	-1.894	-1.903	.290	34.647	27.914	30.324	32.702	37.373	17.87	.118	1446.2	379
400	-1.889	-1.899	.314	34.658	27.923	30.322	32.712	37.382	16.87	.122	1446.7	404
425	-1.895	-1.905	.328	34.666	27.930	30.339	32.718	37.389	16.08	.126	1447.1	430
450	-1.895	-1.906	.348	34.679	27.940	30.349	32.728	37.399	15.00	.130	1447.5	455
475	-1.890	-1.902	.372	34.690	27.949	30.358	32.737	37.407	14.03	.134	1448.0	480
482	-1.886	-1.898	.383	34.698	27.956	30.365	32.744	37.413	13.36	.135	1448.1	488

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	5.9S	143	12.7E	537	490	993.2	230	11	2.8	0	0	630	29DEC78	GL	79	2 179	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	0.08	0.08	1.94	33.922	27.25	29.64		71	1.01			B	0	179
11	0.04	0.04	1.91	33.910	27.25	29.63		66	1.98			C1	2	179
63	-1.60	-1.60	0.33	34.390	27.70	30.10						C1	2	179
178	0.61	0.60	2.65	34.680	27.83	30.21		73	2.11				2	179
342	-1.90	-1.91	0.26	34.628	27.90	30.31		76	2.32				2	179
480	-1.89	-1.90	0.38	34.686	27.95	30.36		75	2.27				2	179

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	.078	.078	1.935	33.916	27.249	29.630	31.983	36.600	83.07	0.000	1448.1	0
10	.052	.051	1.916	33.911	27.246	29.628	31.980	36.599	83.35	.008	1448.2	10
20	-.634	-.634	1.240	33.939	27.300	29.692	32.055	36.693	78.19	.016	1445.2	20
30	-1.124	-1.125	.762	34.021	27.385	29.784	32.154	36.806	70.09	.024	1443.2	30
40	-1.409	-1.410	.494	34.183	27.525	29.929	32.302	36.962	56.69	.030	1442.3	40
50	-1.521	-1.522	.395	34.276	27.604	30.009	32.383	37.046	49.18	.035	1442.1	50
60	-1.599	-1.601	.329	34.366	27.678	30.084	32.460	37.123	42.06	.040	1442.0	61
70	-1.538	-1.540	.401	34.426	27.725	30.130	32.504	37.166	37.58	.044	1442.5	71
80	-1.281	-1.283	.669	34.474	27.757	30.157	32.527	37.181	34.62	.048	1444.0	81
90	-1.147	-1.149	.812	34.492	27.767	30.165	32.533	37.182	33.69	.051	1444.8	91
100	-1.042	-1.045	.925	34.503	27.771	30.168	32.534	37.180	33.22	.054	1445.4	101
125	-.504	-.508	1.485	34.552	27.789	30.177	32.536	37.165	31.62	.062	1448.4	126
150	.550	.543	2.564	34.657	27.819	30.191	32.533	37.131	29.23	.070	1453.8	151
175	.588	.580	2.621	34.672	27.829	30.200	32.541	37.138	28.36	.077	1454.4	177
200	.444	.435	2.496	34.673	27.839	30.212	32.556	37.157	27.37	.084	1454.2	202
225	-.338	-.346	1.731	34.626	27.842	30.227	32.583	37.206	26.59	.091	1451.0	227
250	-1.040	-1.048	1.047	34.613	27.861	30.257	32.623	37.268	24.25	.097	1448.1	253
275	-1.696	-1.703	.409	34.601	27.872	30.278	32.655	37.319	22.58	.103	1445.4	278
300	-1.911	-1.918	.214	34.613	27.887	30.297	32.676	37.348	20.80	.109	1444.8	303
325	-1.888	-1.896	.256	34.623	27.895	30.304	32.683	37.354	19.99	.114	1445.4	328
350	-1.899	-1.907	.265	34.634	27.904	30.313	32.692	37.364	18.97	.119	1445.8	354
375	-1.897	-1.906	.287	34.647	27.914	30.324	32.703	37.373	17.86	.123	1446.2	379
400	-1.892	-1.901	.312	34.657	27.923	30.332	32.711	37.381	16.92	.128	1446.7	404
425	-1.894	-1.905	.329	34.667	27.931	30.340	32.719	37.390	16.00	.132	1447.1	430
450	-1.895	-1.906	.347	34.678	27.939	30.349	32.728	37.398	15.06	.136	1447.5	455
475	-1.891	-1.903	.371	34.687	27.947	30.356	32.735	37.405	14.20	.139	1448.0	480
477	-1.888	-1.900	.377	34.696	27.954	30.363	32.742	37.412	13.53	.140	1448.0	483



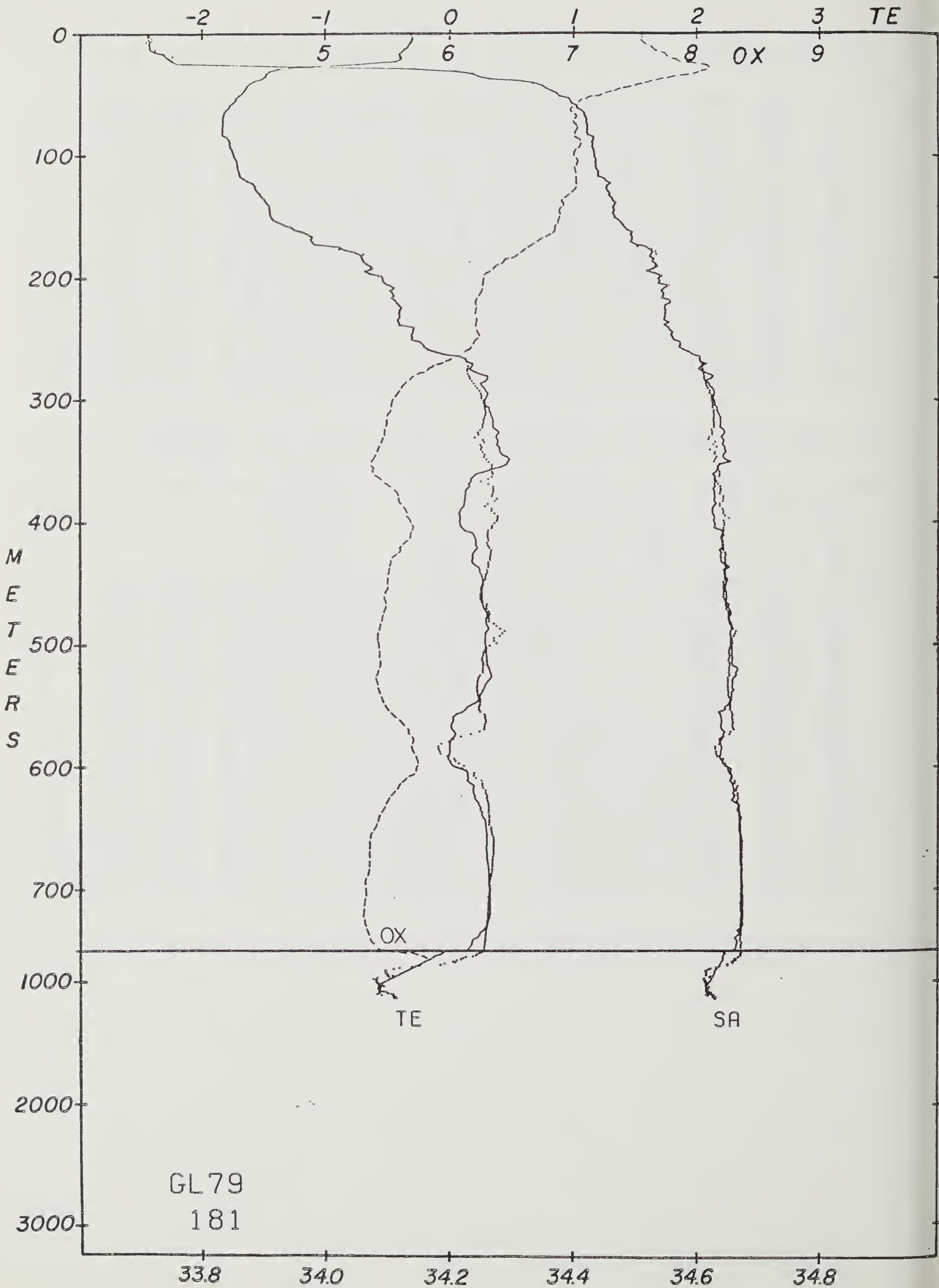
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
65 52.0S	143 23.9E	537	415	992.9	260	8	3.9	0		6	0	910	29DEC78	GL	79	1	180

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.528	-1.528	1.332	33.959	27.312	29.702	32.063	36.699	77.11	0.000	1445.4	0
10	-1.525	-1.526	1.342	33.958	27.311	29.702	32.063	36.698	77.15	.008	1445.6	10
20	-1.544	-1.545	1.330	33.958	27.311	29.702	32.064	36.699	77.09	.015	1445.7	20
30	-1.982	-1.983	.904	34.025	27.383	29.780	32.148	36.796	70.28	.023	1443.9	30
40	-1.249	-1.250	.651	34.139	27.484	29.886	32.257	36.912	60.57	.029	1443.0	40
50	-1.611	-1.613	.307	34.321	27.643	30.049	32.425	37.090	45.48	.035	1441.7	50
60	-1.663	-1.665	.266	34.376	27.689	30.096	32.472	37.138	41.06	.039	1441.7	61
70	-1.644	-1.645	.293	34.410	27.715	30.121	32.498	37.162	38.51	.043	1442.0	71
80	-1.616	-1.618	.331	34.420	27.723	30.128	32.504	37.168	37.76	.047	1442.3	81
90	-1.602	-1.604	.353	34.423	27.725	30.130	32.506	37.169	37.48	.051	1442.5	91
100	-1.486	-1.489	.477	34.444	27.739	30.143	32.516	37.176	36.16	.054	1443.3	101
125	-1.065	-1.068	.921	34.500	27.770	30.167	32.534	37.180	33.22	.063	1445.8	126
150	-1.642	-1.647	1.365	34.543	27.788	30.178	32.538	37.172	31.64	.071	1448.2	151
175	-1.477	-1.483	1.550	34.563	27.797	30.185	32.542	37.171	30.82	.079	1449.4	177
200	-1.276	-1.283	1.772	34.579	27.801	30.185	32.540	37.162	30.53	.086	1450.8	202
225	.110	.101	2.179	34.632	27.824	30.203	32.552	37.162	28.54	.094	1453.0	227
250	.197	.187	2.285	34.633	27.820	30.198	32.545	37.154	28.95	.101	1453.8	253
275	.222	.211	2.331	34.651	27.833	30.210	32.557	37.165	27.77	.108	1454.4	278
300	.091	.079	2.218	34.644	27.834	30.213	32.562	37.174	27.54	.115	1454.2	303
325	-1.293	-1.305	1.852	34.641	27.851	30.236	32.591	37.214	25.58	.122	1452.8	328
350	-1.087	-1.097	1.078	34.645	27.888	30.285	32.652	37.298	21.27	.128	1449.6	354
375	-1.148	-1.159	1.036	34.650	27.894	30.292	32.660	37.308	20.56	.133	1449.7	379
400	-1.461	-1.473	.742	34.664	27.916	30.319	32.691	37.349	18.03	.138	1448.7	404
408	-1.460	-1.471	.751	34.667	27.919	30.321	32.693	37.351	17.77	.139	1448.8	413

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
65 52.0S	143 23.9E	537	415	992.6	260	7	3.3	0		0	0	940	29DEC78	GL	79	2	180

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.29	-0.29	1.57	33.967	27.31	29.69		60	2.00			B	0	180
13	-0.30	-0.30	1.57	33.956	27.30	29.69		60	2.14			C1	2	180
60	-1.65	-1.65	0.28	34.354	27.67	30.08		60	2.09			C1	2	180
122	-1.16	-1.16	0.82	34.484	27.76	30.16		76	2.28				2	180
240	0.14	0.13	2.22	34.633	27.82	30.20		92	2.43				2	180
408	-1.46	-1.47	0.75	34.666	27.92	30.32		81	2.35				2	180

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.290	-1.290	1.570	33.958	27.301	29.687	32.045	36.673	79.18	0.000	1446.5	0
10	-1.289	-1.289	1.578	33.954	27.297	29.684	32.041	36.670	78.49	.008	1446.7	10
20	-1.498	-1.498	1.379	33.983	27.330	29.720	32.081	36.715	75.33	.016	1445.9	20
30	-1.962	-1.962	.926	34.040	27.394	29.791	32.159	36.806	69.17	.023	1444.0	30
40	-1.185	-1.186	.714	34.114	27.462	29.862	32.233	36.886	62.71	.029	1443.2	40
50	-1.562	-1.563	.355	34.292	27.618	30.024	32.399	37.062	47.83	.035	1441.9	50
60	-1.652	-1.653	.277	34.362	27.677	30.083	32.460	37.125	42.21	.039	1441.7	61
70	-1.634	-1.635	.305	34.410	27.716	30.122	32.497	37.162	38.48	.043	1442.0	71
80	-1.509	-1.511	.439	34.442	27.738	30.142	32.516	37.176	36.34	.047	1442.8	81
90	-1.280	-1.282	.678	34.471	27.754	30.154	32.524	37.177	34.86	.051	1444.1	91
100	-1.200	-1.202	.766	34.481	27.760	30.159	32.527	37.178	34.28	.054	1444.7	101
125	-1.111	-1.114	.874	34.492	27.766	30.163	32.531	37.179	33.66	.063	1445.5	126
150	-1.540	-1.545	1.468	34.546	27.786	30.175	32.533	37.164	31.88	.071	1448.7	151
175	-1.434	-1.440	1.593	34.559	27.792	30.179	32.536	37.163	31.30	.079	1449.6	177
200	-1.336	-1.343	1.711	34.578	27.803	30.188	32.544	37.168	30.32	.086	1450.5	202
225	.076	.067	2.144	34.614	27.811	30.190	32.539	37.152	29.76	.094	1452.8	227
250	.257	.246	2.345	34.637	27.820	30.196	32.543	37.149	29.05	.101	1454.1	253
275	.293	.281	2.401	34.654	27.831	30.208	32.553	37.159	27.99	.109	1454.7	278
300	.075	.063	2.203	34.660	27.848	30.228	32.577	37.189	26.21	.115	1454.1	303
325	-1.181	-1.193	1.966	34.665	27.866	30.249	32.602	37.221	24.35	.122	1453.4	328
350	-1.259	-1.269	.907	34.663	27.909	30.308	32.678	37.329	19.15	.127	1448.8	354
375	-1.266	-1.277	.919	34.661	27.907	30.307	32.676	37.328	19.22	.132	1449.2	379
400	-1.460	-1.471	.744	34.666	27.918	30.320	32.693	37.350	17.87	.136	1448.7	404
405	-1.463	-1.474	.745	34.669	27.920	30.323	32.696	37.353	17.62	.137	1448.8	410



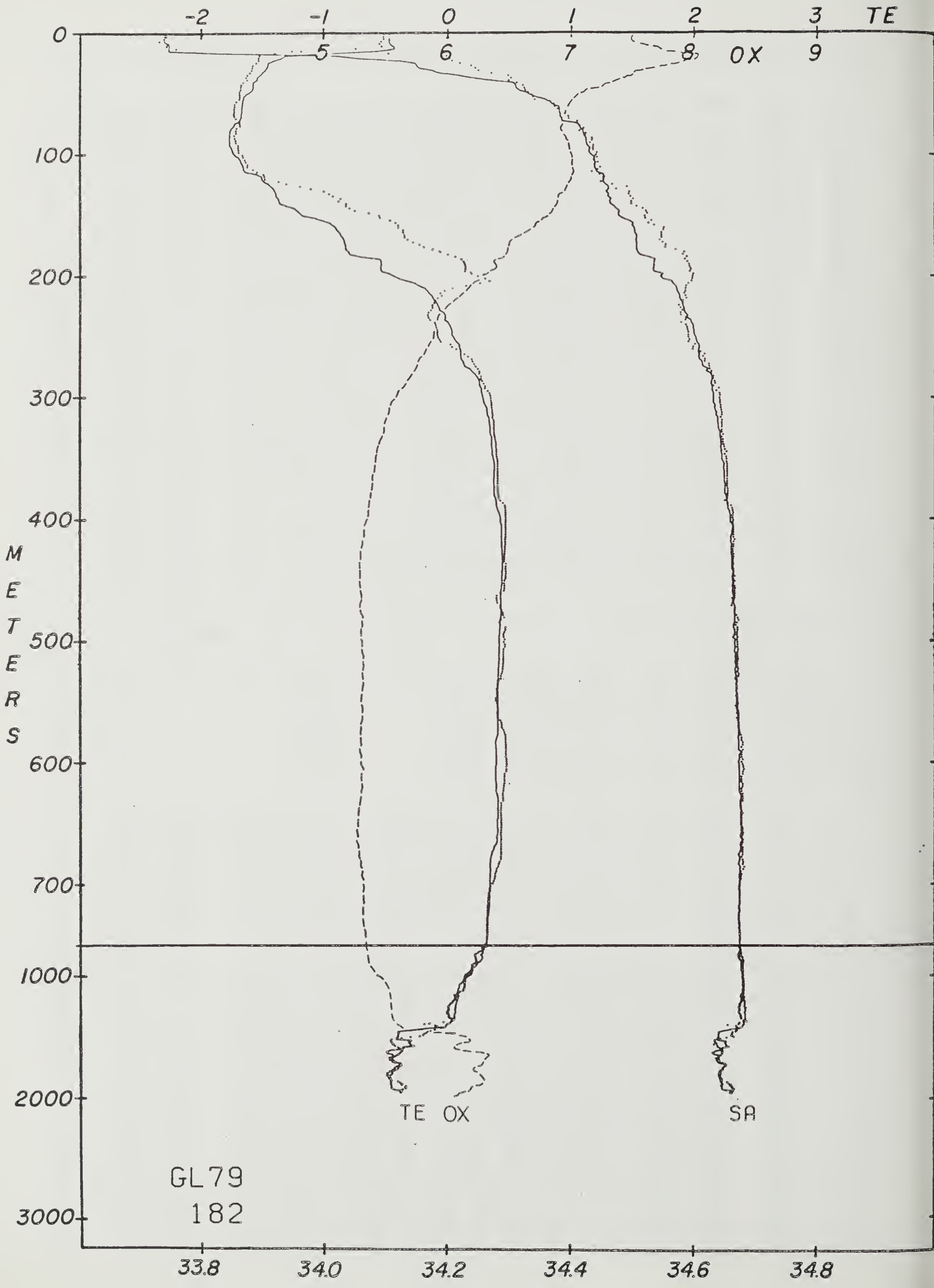
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
65 47.15	143 23.3E	537	1154	991.9	270	5	1.6	0	0	0	1308	29DEC78	GL	79	1	181	

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-296	-296	1.550	33.711	27.102	29.490	31.848	36.479	97.03	0.000	1446.1	0
10	-329	-329	1.524	33.713	27.105	29.493	31.852	36.484	96.74	.010	1446.2	10
20	-392	-393	1.470	33.740	27.129	29.519	31.879	36.512	94.34	.019	1446.1	20
30	-1.361	-1.362	.531	34.125	27.477	29.880	32.233	36.911	61.34	.027	1442.3	30
40	-1.581	-1.582	.329	34.318	27.639	30.045	32.421	37.084	45.86	.032	1441.7	40
50	-1.677	-1.678	.245	34.374	27.687	30.094	32.471	37.137	41.26	.037	1441.5	50
60	-1.770	-1.772	.161	34.405	27.715	30.123	32.501	37.170	38.60	.041	1441.2	61
70	-1.826	-1.827	.114	34.421	27.729	30.138	32.517	37.187	37.16	.045	1441.1	71
80	-1.831	-1.833	.116	34.424	27.731	30.140	32.519	37.190	36.88	.048	1441.3	81
90	-1.769	-1.771	.186	34.432	27.737	30.145	32.523	37.191	36.35	.052	1441.8	91
100	-1.735	-1.737	.228	34.436	27.739	30.146	32.524	37.191	36.09	.056	1442.1	101
125	-1.565	-1.568	.418	34.455	27.750	30.154	32.529	37.191	34.99	.064	1443.3	126
150	-1.434	-1.438	.569	34.468	27.757	30.159	32.532	37.190	34.24	.073	1444.4	151
175	-1.891	-1.897	1.133	34.519	27.779	30.173	32.537	37.178	32.34	.081	1447.4	177
200	-1.533	-1.540	1.512	34.541	27.782	30.171	32.529	37.160	32.13	.089	1449.5	202
225	-1.392	-1.400	1.673	34.550	27.783	30.170	32.526	37.153	32.07	.097	1450.6	227
250	-1.273	-1.282	1.812	34.567	27.791	30.176	32.531	37.153	31.36	.105	1451.6	253
275	-1.190	-1.179	2.297	34.612	27.803	30.181	32.528	37.137	30.56	.113	1454.2	278
300	-1.289	-1.277	2.415	34.630	27.813	30.189	32.535	37.141	29.73	.121	1455.1	303
325	-1.402	-1.388	2.548	34.646	27.819	30.194	32.538	37.140	29.26	.128	1456.0	328
350	-1.462	-1.446	2.627	34.645	27.815	30.189	32.532	37.133	29.71	.135	1456.7	354
375	-1.134	-1.119	2.317	34.630	27.821	30.200	32.548	37.158	28.82	.143	1455.6	379
400	-1.098	-1.082	2.300	34.630	27.823	30.203	32.552	37.163	28.56	.150	1455.9	404
425	-1.193	-1.175	2.414	34.641	27.827	30.205	32.552	37.161	28.35	.157	1456.7	430
450	-1.262	-1.243	2.503	34.647	27.828	30.205	32.552	37.158	28.32	.164	1457.5	455
475	-1.300	-1.280	2.561	34.655	27.832	30.209	32.555	37.160	27.98	.171	1458.1	480
500	-1.300	-1.278	2.579	34.659	27.835	30.212	32.558	37.163	27.69	.178	1458.5	505
550	-1.108	-1.085	2.424	34.638	27.829	30.208	32.557	37.169	28.03	.192	1458.4	556
600	-1.154	-1.128	2.509	34.658	27.842	30.221	32.570	37.179	26.81	.206	1459.5	607
650	-1.309	-1.280	2.703	34.673	27.846	30.223	32.569	37.174	26.74	.219	1461.0	657
700	-1.336	-1.304	2.769	34.677	27.848	30.225	32.570	37.174	26.67	.232	1462.0	708
750	-1.037	-1.004	2.506	34.652	27.844	30.225	32.575	37.189	26.39	.246	1461.4	759
800	-1.119	-1.153	2.387	34.645	27.846	30.230	32.582	37.200	25.84	.259	1461.6	809
850	-1.205	-1.240	2.340	34.641	27.847	30.233	32.586	37.207	25.47	.272	1462.0	860
900	-1.305	-1.343	2.276	34.634	27.847	30.233	32.588	37.212	25.24	.284	1462.4	911
950	-1.406	-1.446	2.213	34.629	27.847	30.236	32.593	37.219	24.84	.297	1462.7	961
1000	-1.507	-1.548	2.150	34.622	27.846	30.236	32.595	37.224	24.57	.309	1463.1	1012
1100	-1.476	-1.523	2.257	34.629	27.850	30.240	32.598	37.227	24.10	.323	1464.9	1114
1139	-1.420	-1.469	2.344	34.633	27.851	30.240	32.597	37.225	24.14	.343	1465.9	1154

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
65 47.15	143 23.3E	537	1154	991.2	260	2	0.8	0	0	0	1417	29DEC78	GL	79	2	181	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.30	-0.30	1.55	33.711	27.10	29.49		56	2.06			C1B	0	181
161	-1.26	-1.26	0.75	34.484	27.76	30.16		78	2.34			C1	2	181
254	-0.23	-0.24	1.66	34.574	27.79	30.18		88	2.22			C1	2	181
333	0.21	0.20	2.36	34.625	27.81	30.19		94	2.47			C1D4	2	181
486	0.39	0.37	2.66	34.659	27.83	30.21		100	2.42			C1	2	181
662	0.37	0.34	2.77	34.676	27.85	30.22		108	2.37			C1	2	181
851	0.05	0.01	2.60	34.658	27.85	30.23		109	2.44			C1	2	181
1040	-0.56	-0.60	2.13	34.617	27.84	30.24		91				C1	2	181
1140	-0.43	-0.48	2.33	34.631	27.85	30.24		92	2.08			C1	2	181

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-296	-296	1.550	33.711	27.102	29.490	31.848	36.479	97.03	0.000	1446.1	0
10	-327	-328	1.526	33.712	27.104	29.493	31.852	36.483	96.79	.010	1446.2	10
20	-397	-397	1.466	33.747	27.135	29.525	31.885	36.518	93.79	.019	1446.1	20
30	-1.369	-1.370	.523	34.133	27.483	29.886	32.259	36.918	60.71	.027	1442.2	30
40	-1.576	-1.577	.335	34.314	27.636	30.042	32.418	37.081	46.16	.032	1441.7	40
50	-1.677	-1.678	.244	34.375	27.688	30.095	32.472	37.138	41.19	.037	1441.5	50
60	-1.771	-1.772	.160	34.405	27.715	30.123	32.502	37.170	38.55	.041	1441.2	61
70	-1.826	-1.828	.113	34.421	27.729	30.138	32.517	37.188	37.14	.044	1441.1	71
80	-1.831	-1.832	.117	34.423	27.731	30.140	32.519	37.190	36.92	.048	1441.3	81
90	-1.769	-1.771	.186	34.432	27.736	30.144	32.522	37.191	36.36	.052	1441.8	91
100	-1.735	-1.737	.228	34.436	27.739	30.146	32.524	37.191	36.09	.055	1442.1	101
125	-1.565	-1.568	.418	34.455	27.750	30.154	32.529	37.191	34.99	.064	1443.3	126
150	-1.434	-1.438	.569	34.468	27.757	30.159	32.532	37.190	34.24	.073	1444.4	151
175	-1.905	-1.910	1.120	34.512	27.774	30.168	32.533	37.174	32.76	.081	1447.3	177
200	-1.533	-1.540	1.512	34.541	27.782	30.171	32.529	37.160	32.13	.089	1449.5	202
225	-1.392	-1.400	1.673	34.550	27.783	30.170	32.526	37.153	32.07	.097	1450.6	227
250	-1.273	-1.282	1.812	34.567	27.791	30.176	32.531	37.153	31.36	.105	1451.6	253
275	-1.148	-1.137	2.254	34.611	27.805	30.184	32.532	37.142	30.33	.113	1454.0	278
300	-1.283	-1.271	2.409	34.627	27.810	30.186	32.533	37.138	29.99	.121	1455.0	303
325	-1.238	-1.225	2.383	34.626	27.812	30.189	32.536	37.143	29.78	.128	1455.2	328
350	-1.335	-1.320	2.499	34.634	27.813	30.189	32.535	37.139	29.73	.136	1456.1	354
375	-1.358	-1.342	2.541	34.642	27.819	30.194	32.539	37.143	29.28	.143	1456.6	379
400	-1.356	-1.339	2.559	34.646	27.821	30.197	32.542	37.146	29.04	.150	1457.1	404
425	-1.335	-1.317	2.557	34.648	27.825	30.201	32.546	37.151	28.70	.157	1457.4	430
450	-1.268	-1.249	2.509	34.645	27.826	30.203	32.549	37.156	28.52	.165	1457.5	455
475	-1.324	-1.304	2.584	34.653	27.829	30.206	32.551	37.156	28.27	.172	1458.2	480
500	-1.292	-1.270	2.571	34.654	27.832	30.209	32.555	37.161	27.97	.179	1458.4	505
550	-1.265	-1.242	2.583	34.658	27.836	30.214	32.560	37.167	27.55	.193	1459.2	556
600	-1.187	-1.161	2.542	34.658	27.841	30.220	32.567	37.176	26.99	.206	1459.6	607
650	-1.360	-1.331	2.755	34.674	27.844	30.221	32.565	37.169	27.02	.220	1461.3	657
700	-1.326	-1.295	2.759	34.675	27.847	30.223	32.569	37.174	26.75	.233	1462.0	708
750	-1.285	-1.251	2.756	34.674	27.848	30.226	32.572	37.179	26.51	.246	1462.6	759
800	-1.198	-1.162	2.706	34.670	27.850	30.229	32.576	37.185	26.21	.260	1463.0	809
850	-1.039	-1.001	2.584	34.659	27.850	30.231	32.581	37.195	25.85	.273	1463.1	860
900	-1.423	-1.459	2.158	34.621	27.841	30.230	32.587	37.214	25.42	.286	1461.8	911
950	-1.494	-1.532	2.125	34.617	27.842	30.231	32.590	37.219	25.11	.298	1462.3	961



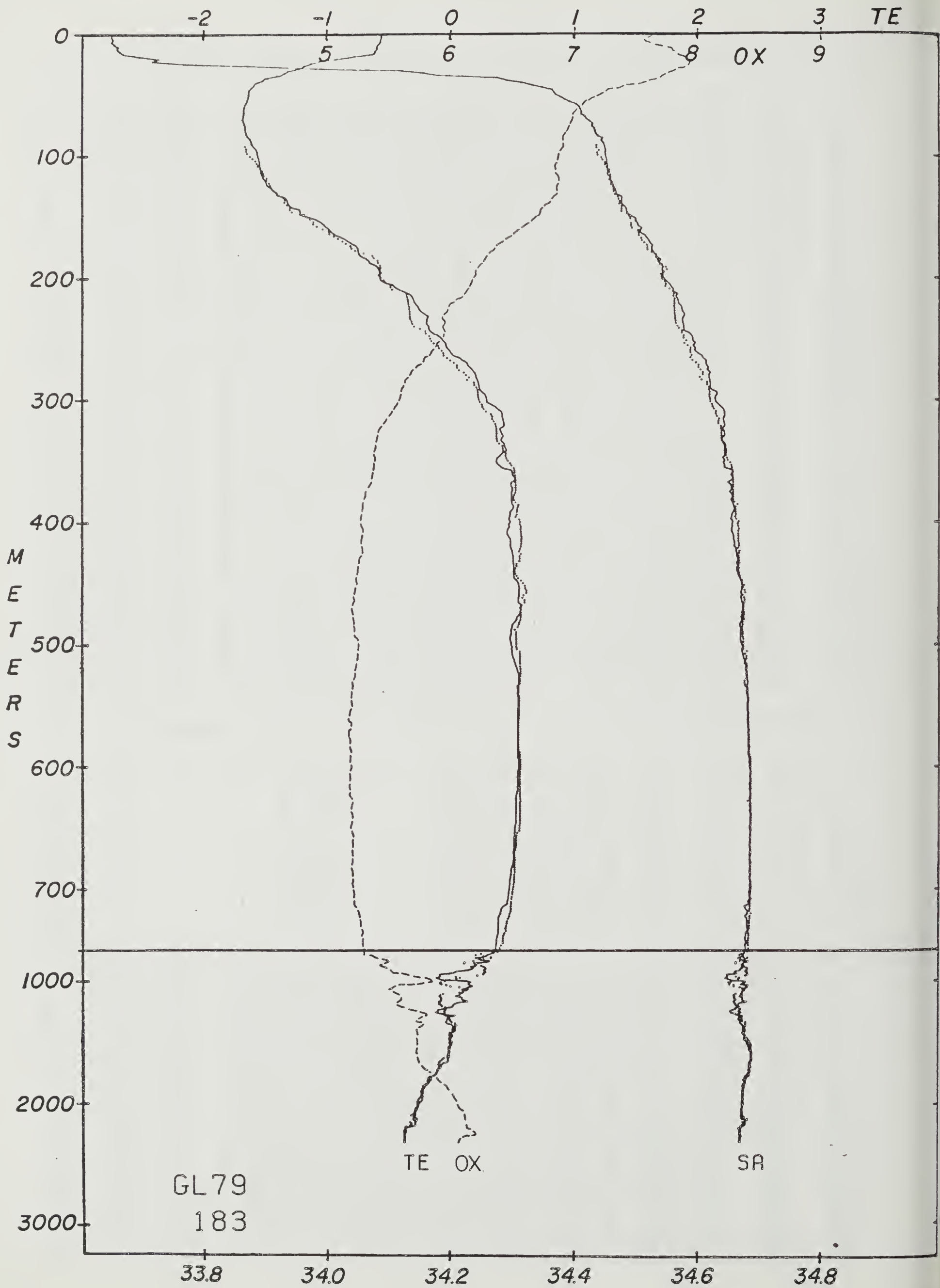
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 44.45 143 24.8E 537 1974 990.9 270 3 0.8 0 0 0 1628 29DEC78 GL 79 1 182

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .479	- .479	1.369	33.740	27.133	29.524	31.885	36.521	94.06	0.000	1445.3	0
10	- .463	- .463	1.392	33.742	27.134	29.524	31.885	36.520	93.97	.009	1445.6	10
20	-1.296	-1.296	.582	34.006	27.379	29.781	32.153	36.811	70.70	.018	1442.2	20
30	-1.473	-1.474	.420	34.158	27.507	29.912	32.286	36.948	58.47	.024	1441.8	30
40	-1.566	-1.567	.342	34.275	27.604	30.010	32.385	37.049	49.20	.029	1441.7	40
50	-1.616	-1.618	.302	34.327	27.647	30.053	32.430	37.094	45.04	.034	1441.7	50
60	-1.674	-1.675	.255	34.372	27.686	30.093	32.470	37.136	41.34	.039	1441.6	61
70	-1.685	-1.687	.252	34.383	27.695	30.102	32.478	37.145	40.46	.043	1441.8	71
80	-1.765	-1.766	.182	34.416	27.724	30.132	32.510	37.178	37.64	.047	1441.6	81
90	-1.777	-1.779	.178	34.423	27.730	30.138	32.516	37.185	36.99	.050	1441.7	91
100	-1.739	-1.741	.224	34.430	27.735	30.142	32.520	37.187	36.50	.054	1442.1	101
125	-1.456	-1.459	.528	34.457	27.749	30.132	32.525	37.184	35.12	.063	1443.9	126
150	-1.171	-1.176	.832	34.479	27.757	30.155	32.524	37.174	34.37	.072	1445.6	151
175	- .831	- .837	1.193	34.506	27.766	30.159	32.523	37.162	33.55	.080	1447.7	177
200	- .432	- .438	1.614	34.547	27.783	30.169	32.527	37.154	32.16	.088	1450.0	202
225	- .074	- .082	1.992	34.582	27.793	30.175	32.526	37.143	31.35	.096	1452.1	227
250	.051	.041	2.138	34.602	27.803	30.183	32.532	37.145	30.46	.104	1453.1	253
275	.172	.161	2.278	34.619	27.810	30.188	32.536	37.145	29.90	.111	1454.1	278
300	.289	.277	2.415	34.631	27.813	30.190	32.536	37.142	29.68	.119	1455.1	303
325	.342	.328	2.488	34.641	27.818	30.194	32.539	37.143	29.27	.126	1455.7	328
350	.373	.358	2.538	34.646	27.821	30.196	32.541	37.144	29.07	.134	1456.3	354
375	.376	.360	2.560	34.650	27.824	30.199	32.544	37.147	28.82	.141	1456.7	379
400	.429	.412	2.633	34.660	27.829	30.203	32.547	37.149	28.43	.148	1457.4	404
425	.440	.422	2.663	34.661	27.829	30.203	32.547	37.148	28.47	.155	1457.9	430
450	.437	.417	2.679	34.662	27.830	30.205	32.549	37.150	28.32	.162	1458.3	455
475	.432	.411	2.692	34.666	27.833	30.208	32.552	37.154	28.03	.169	1458.7	480
500	.417	.395	2.697	34.666	27.834	30.209	32.554	37.156	27.93	.176	1459.0	505
550	.406	.381	2.724	34.671	27.839	30.215	32.558	37.161	27.50	.190	1459.8	556
600	.390	.363	2.747	34.674	27.842	30.217	32.562	37.165	27.23	.204	1460.6	607
650	.409	.379	2.803	34.679	27.845	30.221	32.565	37.168	27.00	.217	1461.5	657
700	.341	.310	2.774	34.675	27.846	30.222	32.568	37.172	26.86	.231	1462.0	708
750	.298	.263	2.768	34.676	27.849	30.226	32.572	37.178	26.50	.244	1462.7	759
800	.288	.251	2.796	34.677	27.851	30.229	32.575	37.181	26.30	.257	1463.5	809
850	.285	.245	2.831	34.680	27.853	30.231	32.578	37.184	26.07	.270	1464.3	860
900	.243	.201	2.827	34.680	27.856	30.235	32.581	37.189	25.77	.283	1464.9	911
950	.194	.150	2.816	34.681	27.859	30.238	32.586	37.195	25.38	.296	1465.6	961
1000	.140	.093	2.800	34.680	27.861	30.242	32.590	37.201	25.00	.309	1466.1	1012
1100	.094	.042	2.830	34.681	27.864	30.246	32.595	37.207	24.57	.334	1467.6	1114
1200	.078	.021	2.890	34.684	27.868	30.250	32.600	37.212	24.15	.358	1469.2	1215
1300	.063	.000	2.951	34.684	27.869	30.252	32.601	37.215	24.00	.382	1470.9	1317
1400	- .010	- .078	2.954	34.680	27.869	30.253	32.604	37.220	23.64	.406	1472.2	1418
1500	- .408	- .478	2.629	34.640	27.856	30.246	32.604	37.232	23.11	.429	1472.0	1520
1600	- .449	- .524	2.664	34.636	27.855	30.246	32.604	37.233	22.92	.452	1473.6	1622
1700	- .453	- .534	2.736	34.641	27.859	30.251	32.609	37.238	22.34	.475	1475.2	1724
1800	- .459	- .547	2.806	34.645	27.862	30.254	32.612	37.242	21.85	.497	1476.9	1825
1900	- .458	- .552	2.884	34.646	27.864	30.256	32.614	37.244	21.59	.519	1478.6	1927
1943	- .381	- .480	2.995	34.662	27.873	30.264	32.621	37.249	21.09	.528	1479.8	1972

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 44.45 143 24.8E 537 1974 990.5 270 2 -0.8 0 0 0 1748 29DEC78 GL 79 2 182

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	DOXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.52	-0.52	1.33	33.737	27.13	29.52		56	2.06			C1	2	182
15	-1.01	-1.01	0.86	33.859	27.25	29.65		56	2.03			C1	2	182
79	-1.69	-1.69	0.26	34.413	27.72	30.13		69	2.20			C1	2	182
156	-0.47	-0.48	1.54	34.525	27.77	30.15		85	2.38			C1	2	182
436	0.46	0.44	2.69	34.663	27.83	30.20						C1	2	182
629	0.45	0.42	2.83	34.680	27.84	30.22		109	2.36			C1	2	182
808	0.28	0.24	2.79	34.676	27.85	30.23		111	2.28			C1	2	182
1137	0.12	0.07	2.88	34.682	27.86	30.25		114	2.44			C1	2	182
1328	0.01	-0.05	2.92	34.677	27.87	30.25		112	2.26			C1	2	182
1541	-0.46	-0.53	2.61	34.634	27.85	30.24		98	2.38			C1	2	182
1836	-0.49	-0.58	2.80	34.643	27.86	30.25		98	2.31			C1	2	182
1954	-0.38	-0.48	3.00	34.663	27.87	30.26		99	2.45			C1	2	182

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .523	- .523	1.324	33.737	27.132	29.524	31.886	36.523	94.11	0.000	1445.1	0
10	- .540	- .540	1.315	33.741	27.136	29.528	31.890	36.528	93.70	.009	1445.2	10
20	-1.531	-1.532	.357	34.197	27.540	29.945	32.320	36.983	55.44	.017	1441.4	20
30	-1.594	-1.595	.305	34.246	27.581	29.987	32.363	37.028	51.44	.022	1441.3	30
40	-1.641	-1.642	.269	34.303	27.629	30.035	32.412	37.077	46.87	.027	1441.4	40
50	-1.694	-1.695	.225	34.330	27.652	30.060	32.437	37.104	44.56	.032	1441.3	50
60	-1.731	-1.733	.198	34.369	27.685	30.092	32.470	37.138	41.43	.036	1441.4	61
70	-1.730	-1.732	.207	34.394	27.705	30.113	32.490	37.158	39.45	.040	1441.6	71
80	-1.714	-1.716	.232	34.416	27.722	30.129	32.506	37.174	37.79	.044	1441.8	81
90	-1.725	-1.727	.230	34.432	27.736	30.143	32.520	37.187	36.46	.048	1442.0	91
100	-1.683	-1.685	.280	34.439	27.746	30.147	32.524	37.169	35.98	.051	1442.3	101
125	-1.265	-1.268	.719	34.469	27.752	30.152	32.522	37.175	34.89	.060	1444.8	126
150	- .584	- .589	1.422	34.522	27.768	30.158	32.517	37.149	33.51	.069	1448.4	151
175	- .215	- .221	1.812	34.553	27.777	30.161	32.514	37.135	32.85	.077	1450.6	177
200	- .255	- .247	2.303	34.597	27.788	30.165	32.511	37.118	32.02	.085	1453.2	202
225	- .128	- .136	1.938	34.577	27.792	30.174	32.527	37.145	31.40	.093	1451.8	227
250	- .069	- .078	2.017	34.592	27.801	30.183	32.534	37.150	30.58	.101	1452.6	253
275	.243	.232	2.350	34.627	27.812	30.189	32.536	37.143	29.73	.108	1454.4	278
300	.351	.339	2.478	34.642	27.819	30.194	32.539	37.143	29.24	.116	1455.4	303
325	.375	.361	2.520	34.645	27.820	30.195	32.540	37.143	29.16	.123	1455.9	328
350	.403	.388	2.569	34.653	27.825	30.199	32.544	37.146	28.75	.130	1456.4	354
375	.412	.395	2.596	34.654	27.825	30.200	32.544	37.146	28.71	.137	1456.9	379
400	.469	.451	2.673	34.663	27.829	30.203	32.546	37.147	28.45	.144	1457.6	404
425	.461	.442	2.683	34.664	27.830	30.204	32.547	37.148	28.36	.152	1458.0	430
450	.458	.438	2.700	34.665	27.831	30.205	32.548	37.149	28.29	.159	1458.4	455



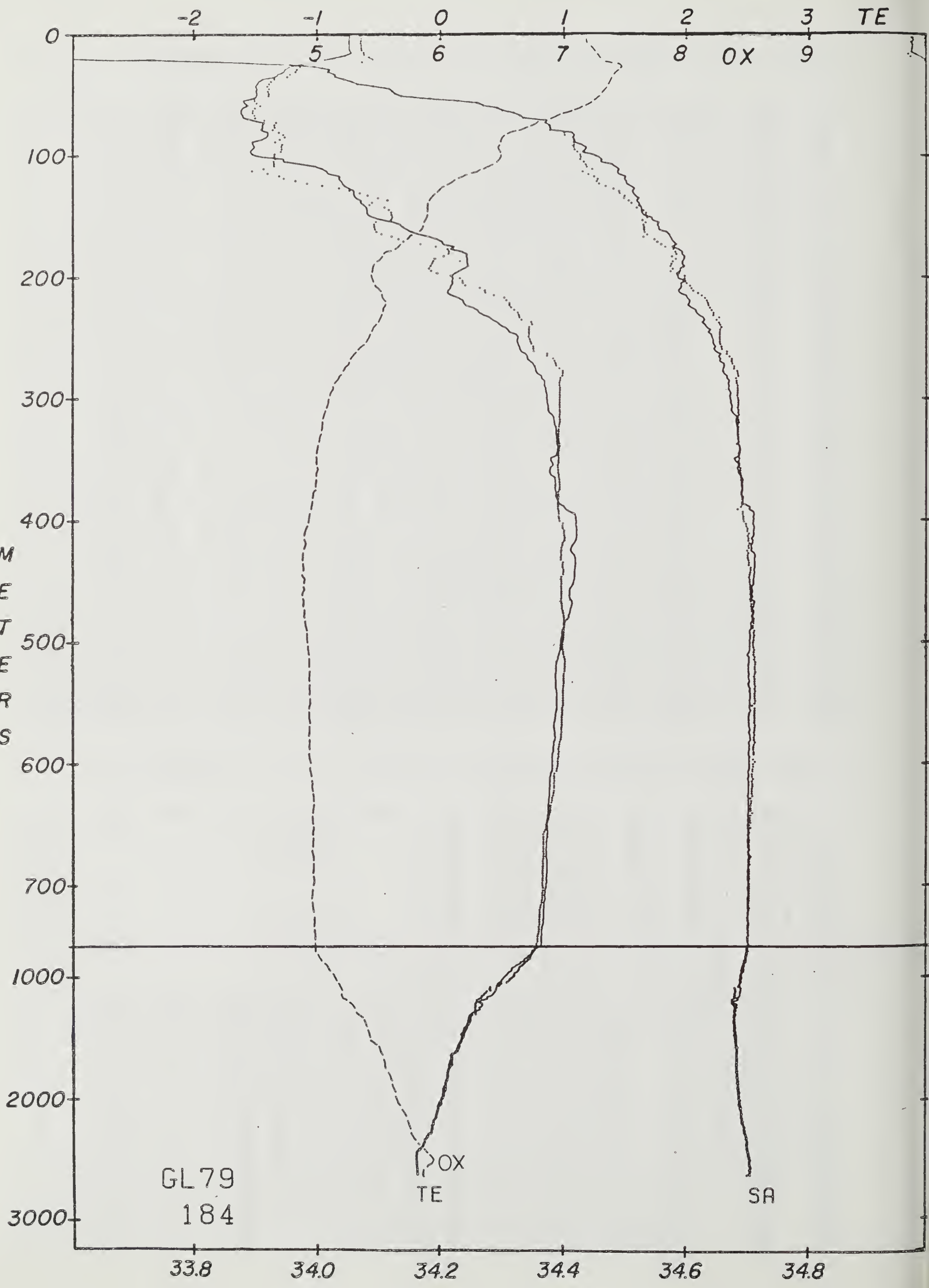
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 37.1S 143 8.5E 537 2326 989.2 120 8 3.4 0 8 0 2355 29DEC78 GL 79 1 183

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .550	- .550	1. 292	33. 650	27. 063	29. 456	31. 818	36. 457	100. 66	0. 000	1444. 9	0
10	- .588	- .588	1. 262	33. 658	27. 071	29. 464	31. 827	36. 467	99. 90	. 010	1444. 9	10
20	- .933	- .933	. 928	33. 712	27. 128	29. 526	31. 894	36. 544	94. 44	. 020	1443. 5	20
30	-1. 295	-1. 276	. 596	34. 107	27. 460	29. 862	32. 234	36. 891	62. 95	. 028	1442. 5	30
40	-1. 558	-1. 539	. 352	34. 315	27. 637	30. 042	32. 417	37. 080	46. 13	. 033	1441. 8	40
50	-1. 629	-1. 630	. 293	34. 375	27. 687	30. 093	32. 469	37. 134	41. 30	. 037	1441. 7	50
60	-1. 664	-1. 665	. 268	34. 410	27. 716	30. 122	32. 499	37. 164	38. 51	. 041	1441. 7	61
70	-1. 672	-1. 673	. 268	34. 423	27. 727	30. 133	32. 510	37. 175	37. 41	. 045	1441. 9	71
80	-1. 647	-1. 649	. 301	34. 436	27. 737	30. 143	32. 519	37. 184	36. 42	. 049	1442. 2	81
90	-1. 593	-1. 595	. 363	34. 448	27. 745	30. 150	32. 526	37. 189	35. 60	. 053	1442. 6	91
100	-1. 548	-1. 550	. 416	34. 452	27. 747	30. 152	32. 526	37. 188	35. 36	. 056	1443. 0	101
125	-1. 441	-1. 444	. 543	34. 466	27. 756	30. 158	32. 531	37. 189	34. 48	. 065	1443. 9	126
150	-1. 104	-1. 108	. 901	34. 499	27. 771	30. 169	32. 536	37. 184	33. 06	. 073	1446. 0	151
175	- .741	- .746	1. 284	34. 527	27. 780	30. 172	32. 533	37. 170	32. 31	. 081	1448. 1	177
200	- .556	- .562	1. 490	34. 547	27. 788	30. 177	32. 536	37. 167	31. 56	. 089	1449. 4	202
225	- .237	- .245	1. 829	34. 576	27. 797	30. 181	32. 535	37. 156	30. 90	. 097	1451. 3	227
250	- .043	- .052	2. 044	34. 598	27. 804	30. 185	32. 537	37. 152	30. 30	. 105	1452. 7	253
275	. 200	. 189	2. 307	34. 620	27. 809	30. 186	32. 534	37. 142	30. 02	. 112	1454. 2	278
300	. 316	. 303	2. 442	34. 633	27. 814	30. 190	32. 535	37. 140	29. 68	. 120	1455. 2	303
325	. 428	. 414	2. 573	34. 644	27. 816	30. 190	32. 535	37. 136	29. 54	. 127	1456. 1	328
350	. 396	. 381	2. 561	34. 644	27. 818	30. 193	32. 537	37. 140	29. 36	. 135	1456. 4	354
375	. 501	. 484	2. 685	34. 657	27. 822	30. 195	32. 538	37. 138	29. 10	. 142	1457. 3	379
400	. 474	. 457	2. 678	34. 657	27. 824	30. 197	32. 541	37. 141	28. 96	. 149	1457. 6	404
425	. 512	. 493	2. 735	34. 665	27. 828	30. 201	32. 544	37. 143	28. 64	. 156	1458. 2	430
450	. 561	. 540	2. 803	34. 672	27. 831	30. 204	32. 545	37. 143	28. 43	. 164	1458. 8	455
475	. 535	. 513	2. 796	34. 671	27. 831	30. 204	32. 547	37. 145	28. 38	. 171	1459. 1	480
500	. 499	. 477	2. 780	34. 673	27. 835	30. 209	32. 552	37. 152	27. 98	. 178	1459. 4	505
550	. 549	. 523	2. 867	34. 683	27. 840	30. 213	32. 556	37. 154	27. 62	. 192	1460. 5	556
600	. 546	. 519	2. 903	34. 686	27. 843	30. 216	32. 558	37. 157	27. 43	. 205	1461. 3	607
650	. 516	. 486	2. 911	34. 686	27. 844	30. 218	32. 561	37. 160	27. 29	. 219	1462. 0	657
700	. 463	. 430	2. 896	34. 684	27. 846	30. 221	32. 565	37. 166	27. 04	. 233	1462. 6	708
750	. 347	. 312	2. 817	34. 676	27. 847	30. 223	32. 569	37. 173	26. 81	. 246	1462. 9	759
800	. 249	. 212	2. 756	34. 669	27. 846	30. 224	32. 571	37. 178	26. 68	. 259	1463. 3	809
850	. 211	. 172	2. 757	34. 673	27. 852	30. 231	32. 578	37. 187	26. 05	. 273	1463. 9	860
900	. 157	. 116	2. 741	34. 667	27. 850	30. 230	32. 578	37. 189	26. 08	. 286	1464. 5	911
950	- .088	- .130	2. 533	34. 648	27. 848	30. 231	32. 583	37. 201	25. 66	. 299	1464. 2	961
1000	- .156	- .110	2. 816	34. 678	27. 859	30. 239	32. 587	37. 198	25. 27	. 311	1466. 2	1012
1100	- .075	- .023	2. 810	34. 671	27. 858	30. 240	32. 589	37. 202	25. 11	. 336	1467. 5	1114
1200	- .013	- .044	2. 824	34. 667	27. 857	30. 240	32. 591	37. 206	24. 91	. 362	1468. 9	1215
1300	- .037	- .099	2. 850	34. 666	27. 859	30. 243	32. 595	37. 211	24. 51	. 386	1470. 4	1317
1400	- .012	- .057	2. 975	34. 676	27. 865	30. 248	32. 599	37. 214	24. 14	. 411	1472. 3	1418
1500	- .008	- .083	3. 032	34. 689	27. 876	30. 260	32. 611	37. 227	22. 99	. 434	1473. 9	1520
1600	- .020	- .101	3. 096	34. 687	27. 875	30. 260	32. 612	37. 228	22. 93	. 457	1475. 6	1622
1700	- .103	- .189	3. 089	34. 683	27. 876	30. 263	32. 615	37. 235	22. 41	. 480	1476. 9	1724
1800	- .177	- .268	3. 091	34. 677	27. 875	30. 263	32. 617	37. 238	22. 09	. 502	1478. 3	1825
1900	- .234	- .332	3. 108	34. 673	27. 875	30. 264	32. 619	37. 242	21. 73	. 524	1479. 7	1927
2000	- .276	- .380	3. 143	34. 672	27. 876	30. 266	32. 621	37. 246	21. 32	. 545	1481. 2	2029
2100	- .318	- .429	3. 176	34. 671	27. 877	30. 268	32. 624	37. 251	20. 86	. 566	1482. 7	2131
2200	- .369	- .486	3. 201	34. 669	27. 878	30. 270	32. 627	37. 255	20. 33	. 587	1484. 2	2233
2289	- .383	- .505	3. 255	34. 668	27. 878	30. 271	32. 628	37. 256	20. 16	. 605	1485. 7	2324

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 37.1S 143 8.5E 537 2326 989.2 120 8 2.2 0 0 0 125 30DEC78 GL 79 2 183

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM. 5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0. 55	-0. 55	1. 29	33. 657	27. 07	29. 46		58	0. 42			BD4	0	183
13	-0. 60	-0. 60	1. 25	33. 654	27. 07	29. 46		55	2. 04				2	183
38	-1. 21	-1. 21	0. 68	33. 983	27. 36	29. 76		58	2. 03				2	183
83	-1. 64	-1. 64	0. 31	34. 412	27. 72	30. 12		71	2. 17				2	183
153	-1. 11	-1. 11	0. 90	34. 486	27. 76	30. 16		77	2. 18				2	183
198	-0. 58	-0. 59	1. 46	34. 541	27. 78	30. 17						C1	2	183
300	0. 24	0. 23	2. 37	34. 622	27. 81	30. 19		91					2	183
483	0. 56	0. 54	2. 83	34. 674	27. 83	30. 21		103	2. 25				2	183
748	0. 39	0. 36	2. 86	34. 680	27. 85	30. 22		110	2. 46			D4	2	183
995	-0. 02	-0. 06	2. 63	34. 647	27. 84	30. 23		105	2. 40			D4	2	183
1489	-0. 01	-0. 08	3. 02	34. 679	27. 87	30. 25		109	2. 42			D4	2	183
1917	-0. 25	-0. 35	3. 11	34. 669	27. 87	30. 26		103	2. 35				2	183
2306	-0. 38	-0. 50	3. 27	34. 663	27. 87	30. 27		99					2	183

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA. 5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .556	- .556	1. 287	33. 655	27. 068	29. 460	31. 823	36. 461	100. 26	0. 000	1444. 9	0
10	- .585	- .585	1. 265	33. 659	27. 072	29. 465	31. 828	36. 467	99. 83	. 010	1444. 9	10
20	- .924	- .925	. 937	33. 719	27. 134	29. 531	31. 900	36. 549	93. 90	. 020	1443. 6	20
30	-1. 300	-1. 301	. 591	34. 109	27. 462	29. 864	32. 236	36. 893	62. 76	. 028	1442. 5	30
40	-1. 564	-1. 565	. 347	34. 319	27. 640	30. 045	32. 421	37. 084	45. 81	. 033	1441. 7	40
50	-1. 628	-1. 629	. 293	34. 374	27. 686	30. 092	32. 469	37. 133	41. 36	. 037	1441. 7	50
60	-1. 663	-1. 664	. 268	34. 409	27. 715	30. 122	32. 498	37. 164	38. 55	. 041	1441. 7	61
70	-1. 671	-1. 673	. 268	34. 423	27. 727	30. 133	32. 510	37. 175	37. 43	. 045	1441. 9	71
80	-1. 647	-1. 649	. 301	34. 435	27. 736	30. 142	32. 518	37. 183	36. 48	. 049	1442. 2	81
90	-1. 625	-1. 627	. 331	34. 442	27. 741	30. 147	32. 523	37. 187	35. 94	. 052	1442. 5	91
100	-1. 606	-1. 608	. 358	34. 443	27. 741	30. 147	32. 522	37. 186	35. 90	. 056	1442. 7	101
125	-1. 435	-1. 438	. 549	34. 463	27. 753	30. 156	32. 528	37. 186	34. 73	. 065	1444. 0	126
150	-1. 137	-1. 141	. 868	34. 492	27. 766	30. 164	32. 532	37. 181	33. 52	. 073	1445. 8	151
175	- .778	- .784	1. 247	34. 520	27. 775	30. 168	32. 530	37. 168	32. 70	. 082	1447. 9	177
200	- .534	- .541	1. 511	34. 545	27. 785	30. 174	32. 532	37. 163	31. 85	. 090	1449. 5	202
225	- .328	- .336	1. 738	34. 564	27. 791	30. 177	32. 532	37. 156	31. 37	. 098	1450. 9	227
250	- .141	- .150	1. 944	34. 582	27. 797	30. 179	32. 532	37. 150	30. 96	. 105	1452. 2	253
275	. 110	. 099	2. 216	34. 608	27. 805	30. 184	32. 533	37. 144	30. 33	. 113	1453. 8	278
300	. 255	. 243	2. 381	34. 624	27. 810	30. 186	32. 533	37. 140	30. 00	. 121	1454. 9	303
325	. 381	. 367	2. 526	34. 640	27. 815	30. 190	32. 535	37. 138	29. 60	. 128	1455. 9	328
350	. 502	. 487	2. 668	34. 655	27. 821	30. 194	32. 537	37. 136	29. 23	. 135	1456. 9	354



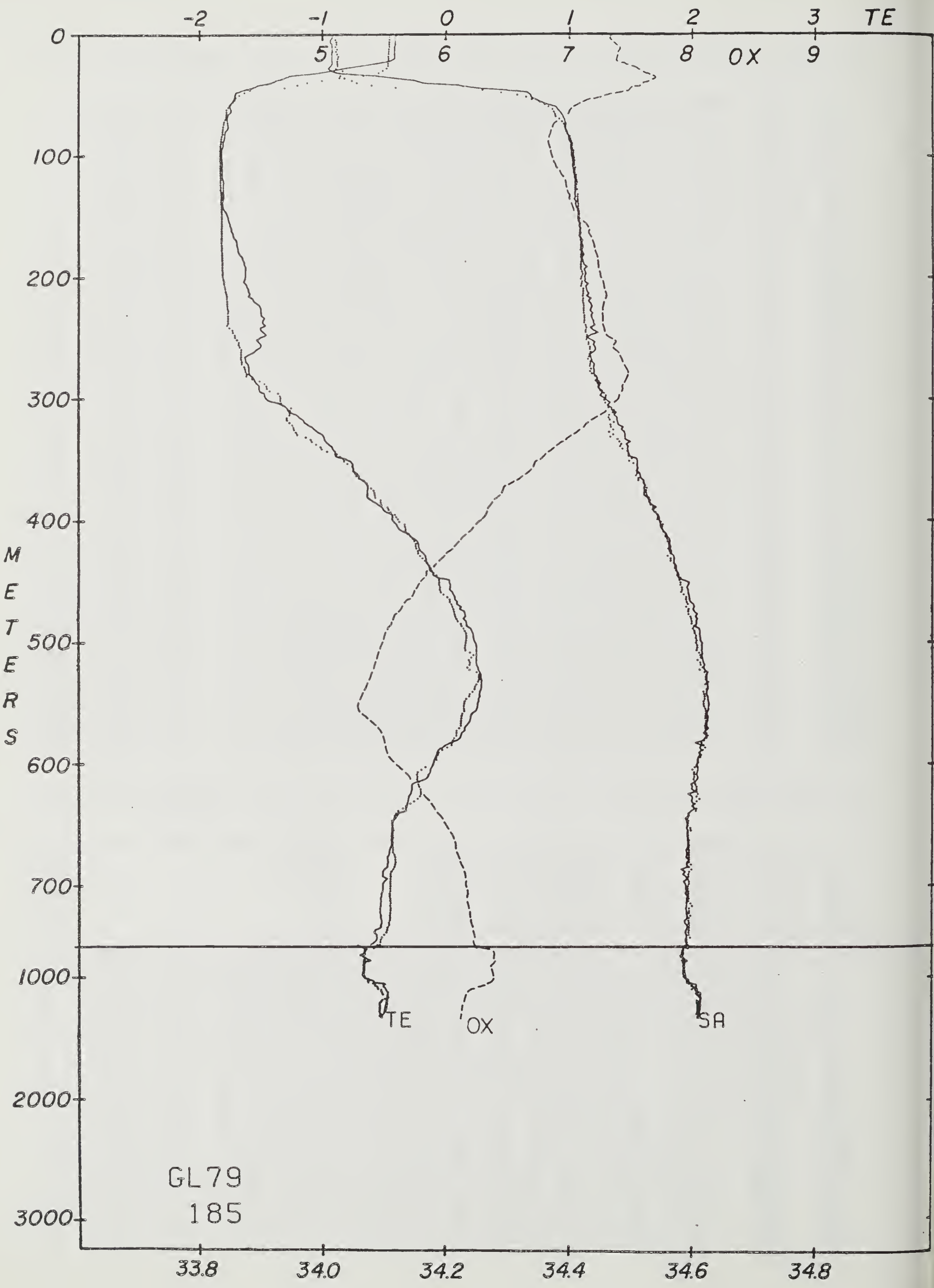
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 47.5S 145 12.7E 537 2642 991.2 90 10 -0.5 0 3 0 1055 30DEC78 GL 79 1 184

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .750	- .750	1.088	33.570	27.007	29.402	31.768	36.413	106.04	0.000	1443.8	0
10	- .750	- .751	1.095	33.572	27.008	29.404	31.770	36.415	105.86	.011	1444.0	10
20	- .947	- .947	.912	33.686	27.107	29.506	31.874	36.524	96.40	.021	1443.4	20
30	-1.297	-1.298	.589	34.019	27.389	29.791	32.164	36.821	69.67	.029	1442.4	30
40	-1.494	-1.495	.402	34.070	27.436	29.841	32.217	36.880	65.14	.036	1441.7	40
50	-1.511	-1.512	.398	34.155	27.505	29.910	32.285	36.948	58.55	.042	1441.9	50
60	-1.611	-1.612	.314	34.294	27.620	30.026	32.403	37.067	47.55	.047	1441.8	61
70	-1.503	-1.504	.433	34.361	27.672	30.076	32.450	37.111	42.63	.052	1442.6	71
80	-1.418	-1.419	.529	34.409	27.708	30.111	32.483	37.142	39.19	.056	1443.2	81
90	-1.520	-1.522	.435	34.431	27.729	30.133	32.507	37.168	37.15	.060	1442.9	91
100	-1.376	-1.378	.589	34.458	27.747	30.149	32.521	37.177	35.44	.063	1443.8	101
125	- .735	- .739	1.251	34.514	27.769	30.160	32.522	37.159	33.49	.072	1447.3	126
150	- .496	- .501	1.511	34.544	27.783	30.170	32.529	37.158	32.22	.080	1448.9	151
175	.112	.105	2.141	34.589	27.789	30.168	32.517	37.128	31.83	.088	1452.1	177
200	.105	.097	2.153	34.592	27.792	30.171	32.520	37.131	31.54	.096	1452.5	202
225	.310	.301	2.379	34.617	27.801	30.177	32.522	37.127	30.87	.104	1453.9	227
250	.627	.616	2.716	34.645	27.805	30.176	32.517	37.113	30.69	.112	1455.8	253
275	.789	.777	2.898	34.663	27.810	30.179	32.517	37.108	30.40	.119	1457.0	278
300	.872	.858	3.001	34.674	27.813	30.181	32.518	37.107	30.21	.127	1457.8	303
325	.944	.929	3.092	34.685	27.817	30.184	32.520	37.106	29.96	.134	1458.5	328
350	.911	.895	3.078	34.686	27.820	30.187	32.524	37.112	29.69	.142	1458.8	354
375	.941	.923	3.127	34.692	27.823	30.190	32.526	37.113	29.47	.149	1459.3	379
400	1.109	1.089	3.315	34.711	27.828	30.192	32.526	37.108	29.28	.156	1460.5	404
425	1.097	1.076	3.323	34.713	27.830	30.195	32.528	37.111	29.14	.164	1460.9	429
450	1.063	1.041	3.308	34.709	27.829	30.194	32.529	37.112	29.23	.171	1461.2	455
475	1.042	1.019	3.306	34.708	27.829	30.195	32.530	37.114	29.21	.178	1461.5	480
500	.977	.953	3.259	34.705	27.831	30.198	32.534	37.119	29.03	.186	1461.6	505
550	.947	.920	3.267	34.705	27.833	30.201	32.537	37.124	28.86	.200	1462.3	556
600	.908	.879	3.266	34.704	27.835	30.203	32.540	37.128	28.78	.215	1463.0	607
650	.878	.846	3.274	34.704	27.837	30.206	32.543	37.132	28.63	.229	1463.7	657
700	.859	.824	3.293	34.704	27.838	30.207	32.545	37.134	28.61	.243	1464.4	708
750	.818	.780	3.290	34.704	27.840	30.210	32.549	37.140	28.37	.257	1465.1	759
800	.761	.721	3.270	34.701	27.842	30.213	32.552	37.144	28.19	.272	1465.6	809
850	.693	.651	3.241	34.698	27.843	30.216	32.556	37.150	27.95	.286	1466.2	860
900	.626	.581	3.211	34.695	27.845	30.218	32.560	37.156	27.71	.300	1466.7	911
950	.585	.537	3.208	34.694	27.847	30.221	32.563	37.161	27.48	.313	1467.3	961
1000	.527	.477	3.188	34.691	27.848	30.223	32.566	37.166	27.27	.327	1467.9	1012
1100	.462	.407	3.199	34.691	27.852	30.229	32.572	37.174	26.80	.354	1469.3	1114
1200	.320	.260	3.132	34.681	27.852	30.231	32.577	37.183	26.40	.381	1470.3	1215
1300	.253	.188	3.141	34.681	27.856	30.236	32.583	37.191	25.84	.407	1471.7	1317
1400	.216	.146	3.181	34.684	27.860	30.241	32.589	37.198	25.36	.432	1473.2	1418
1500	.187	.110	3.227	34.686	27.863	30.245	32.593	37.204	24.93	.458	1474.8	1520
1600	.136	.053	3.252	34.687	27.867	30.250	32.599	37.211	24.41	.482	1476.3	1622
1700	.112	.022	3.304	34.687	27.868	30.252	32.602	37.214	24.14	.506	1477.9	1723
1800	.067	-.028	3.335	34.688	27.871	30.256	32.606	37.220	23.65	.530	1479.4	1825
1900	.035	-.067	3.379	34.688	27.873	30.259	32.610	37.225	23.27	.554	1480.9	1927
2000	.013	-.096	3.433	34.692	27.877	30.264	32.615	37.231	22.71	.577	1482.6	2029
2100	-.010	-.126	3.486	34.693	27.880	30.267	32.619	37.236	22.33	.599	1484.2	2131
2200	-.053	-.175	3.519	34.699	27.887	30.275	32.627	37.246	21.43	.621	1485.7	2233
2300	-.105	-.234	3.543	34.703	27.892	30.282	32.635	37.255	20.54	.642	1487.2	2335
2400	-.157	-.292	3.568	34.703	27.895	30.286	32.640	37.262	19.87	.662	1488.7	2437
2500	-.174	-.317	3.627	34.708	27.900	30.291	32.646	37.268	19.23	.682	1490.4	2539
2592	-.167	-.317	3.704	34.709	27.900	30.292	32.646	37.269	19.19	.700	1492.0	2634

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 47.5S 145 12.7E 537 2642 991.2 90 10 -1.1 0 0 0 1227 30DEC78 GL 79 2 184

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.65	-0.65	1.19	33.607	27.03	29.43		57	2.11				2	184
47	-1.40	-1.40	0.51	34.135	27.49	29.89		62	2.25				2	184
81	-1.29	-1.29	0.66	34.396	27.69	30.09		69					2	184
364	0.97	0.95	0.15	34.698	27.83	30.19		95	2.38			D4	2	184
939	0.65	0.60	3.26	34.698	27.85	30.22		109					2	184
1883	0.06	-0.04	3.39	34.694	27.88	30.26		113					2	184
2604	-0.17	-0.32	3.71	34.710	27.90	30.29		99					2	184

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .650	- .650	1.188	33.572	27.004	29.399	31.763	36.405	106.25	0.000	1444.3	0
10	- .648	- .649	1.197	33.571	27.003	29.397	31.762	36.404	106.32	.011	1444.5	10
20	- .592	- .593	1.268	33.691	27.098	29.491	31.854	36.493	97.30	.021	1445.1	20
30	-1.194	-1.195	.692	34.019	27.386	29.787	32.157	36.812	69.97	.029	1442.9	30
40	-1.394	-1.395	.503	34.071	27.434	29.838	32.212	36.872	65.31	.036	1442.2	40
50	-1.436	-1.437	.473	34.152	27.501	29.905	32.279	36.940	58.93	.042	1442.3	50
60	-1.507	-1.508	.417	34.292	27.616	30.020	32.395	37.057	48.00	.047	1442.3	61
70	-1.403	-1.404	.534	34.365	27.673	30.075	32.448	37.106	42.60	.052	1443.1	71
80	-1.296	-1.299	.649	34.401	27.698	30.099	32.469	37.124	40.18	.056	1443.8	81
90	-1.295	-1.297	.659	34.416	27.710	30.111	32.482	37.136	38.96	.060	1444.0	91
100	-1.347	-1.350	.615	34.426	27.720	30.122	32.493	37.149	37.99	.064	1443.9	101
125	- .816	- .820	1.169	34.480	27.745	30.138	32.501	37.140	35.72	.073	1446.9	126
150	- .422	- .427	1.584	34.534	27.772	30.159	32.515	37.143	33.29	.082	1449.2	151
175	.055	.049	2.083	34.579	27.784	30.164	32.513	37.126	32.31	.090	1451.9	177
200	.177	.169	2.225	34.598	27.793	30.171	32.519	37.128	31.49	.098	1452.9	202
225	.613	.604	2.683	34.644	27.805	30.176	32.517	37.114	30.67	.106	1455.3	227
250	.736	.725	2.826	34.657	27.808	30.177	32.516	37.109	30.53	.113	1456.3	253
275	.998	.985	3.108	34.684	27.813	30.179	32.515	37.100	30.25	.121	1457.9	278
300	.973	.959	3.102	34.686	27.816	30.182	32.518	37.104	30.00	.129	1458.2	303
325	.963	.948	3.111	34.686	27.817	30.183	32.520	37.106	29.96	.136	1458.6	328
350	.960	.943	3.127	34.688	27.818	30.185	32.521	37.107	29.87	.144	1459.0	354
375	.964	.946	3.150	34.693	27.822	30.189	32.525	37.111	29.59	.151	1459.4	379
400	1.002	.983	3.208	34.700	27.825	30.191	32.527	37.112	29.36	.158	1460.0	404
425	.985	.965	3.210	34.702	27.828	30.195	32.531	37.116	29.13	.166	1460.4	429



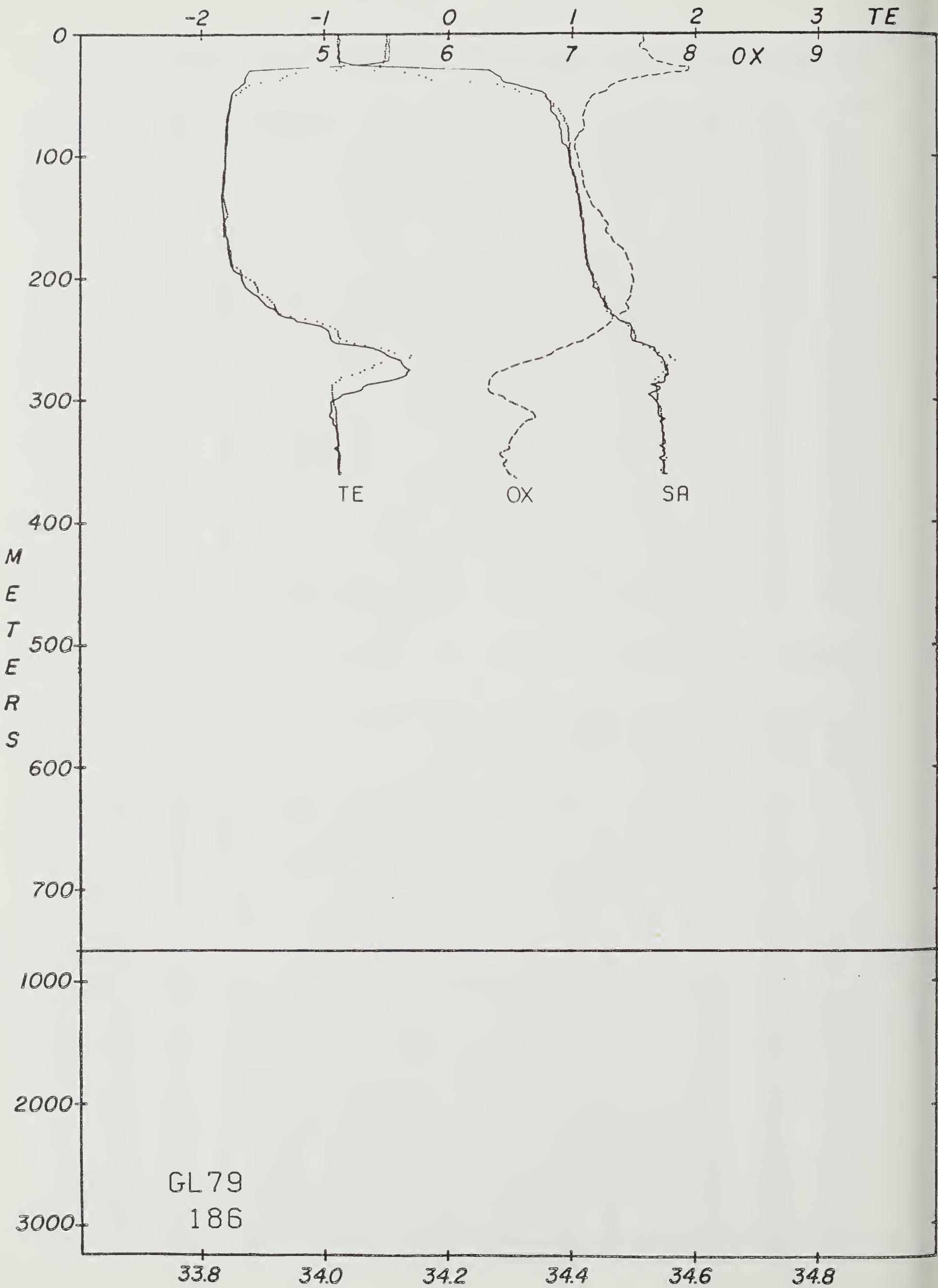
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 58.5S 144 52.4E 537 1356 993.2 120 12 -1.7 0 0 0 1706 30DEC78 GL 79 1 185

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .400	- .400	1.463	34.016	27.352	29.741	32.099	36.730	73.28	0.000	1446.1	0
10	- .416	- .416	1.455	34.015	27.352	29.741	32.100	36.731	73.29	.007	1446.2	10
20	- .425	- .426	1.453	34.015	27.353	29.742	32.101	36.732	73.16	.015	1446.3	20
30	- .947	- .948	.939	34.016	27.375	29.772	32.139	36.786	71.04	.022	1444.0	30
40	-1.445	-1.446	.458	34.177	27.521	29.925	32.299	36.960	57.09	.028	1442.1	40
50	-1.714	-1.715	.205	34.338	27.659	30.066	32.444	37.112	43.94	.033	1441.2	50
60	-1.751	-1.752	.178	34.377	27.692	30.100	32.478	37.146	40.79	.038	1441.3	61
70	-1.774	-1.775	.164	34.392	27.705	30.113	32.491	37.160	39.48	.042	1441.4	71
80	-1.794	-1.796	.152	34.356	27.708	30.117	32.495	37.165	39.12	.045	1441.4	81
90	-1.810	-1.812	.143	34.402	27.714	30.122	32.501	37.171	38.52	.049	1441.5	91
100	-1.820	-1.822	.141	34.404	27.715	30.124	32.503	37.174	38.30	.053	1441.6	101
125	-1.808	-1.810	.173	34.409	27.719	30.128	32.507	37.177	37.75	.063	1442.1	126
150	-1.766	-1.769	.234	34.414	27.722	30.130	32.508	37.177	37.34	.072	1442.7	151
175	-1.687	-1.691	.332	34.421	27.726	30.133	32.510	37.176	36.91	.081	1443.5	177
200	-1.634	-1.639	.404	34.424	27.727	30.133	32.509	37.174	36.68	.091	1444.2	202
225	-1.498	-1.504	.560	34.435	27.732	30.136	32.510	37.170	36.17	.100	1445.3	227
250	-1.526	-1.533	.551	34.437	27.735	30.139	32.513	37.174	35.79	.109	1445.6	253
275	-1.598	-1.605	.498	34.440	27.739	30.144	32.520	37.183	35.18	.118	1445.7	278
300	-1.397	-1.405	.719	34.464	27.752	30.155	32.527	37.184	33.96	.126	1447.0	303
325	-1.027	-1.036	1.110	34.490	27.760	30.157	32.523	37.169	33.45	.135	1449.2	328
350	- .759	- .770	1.399	34.511	27.767	30.160	32.522	37.160	32.97	.143	1450.9	354
375	- .636	- .649	1.541	34.522	27.771	30.162	32.522	37.156	32.68	.151	1451.9	379
400	- .403	- .418	1.794	34.549	27.782	30.169	32.526	37.153	31.85	.159	1453.4	404
425	- .167	- .184	2.050	34.570	27.788	30.172	32.525	37.144	31.53	.167	1455.0	429
450	.033	.015	2.271	34.593	27.797	30.178	32.527	37.141	30.93	.175	1456.3	455
475	.153	.133	2.410	34.607	27.802	30.181	32.529	37.139	30.62	.183	1457.3	480
500	.249	.228	2.526	34.617	27.804	30.182	32.528	37.136	30.55	.190	1458.2	505
550	.252	.228	2.567	34.627	27.812	30.190	32.537	37.144	29.80	.205	1459.0	556
600	- .119	- .143	2.234	34.610	27.818	30.201	32.554	37.172	28.61	.220	1458.2	607
650	- .438	- .463	1.952	34.594	27.820	30.208	32.565	37.193	27.80	.234	1457.5	657
700	- .517	- .544	1.910	34.592	27.822	30.212	32.570	37.200	27.34	.248	1458.0	708
750	- .705	- .733	1.759	34.582	27.822	30.214	32.576	37.211	26.87	.261	1457.9	759
800	- .661	- .691	1.842	34.586	27.824	30.216	32.576	37.211	26.68	.275	1459.0	809
850	- .660	- .693	1.881	34.587	27.825	30.216	32.577	37.212	26.48	.288	1459.8	860
900	- .665	- .700	1.914	34.587	27.824	30.216	32.577	37.212	26.39	.301	1460.7	911
950	- .659	- .697	1.958	34.589	27.826	30.218	32.579	37.214	26.13	.314	1461.5	961
1000	- .668	- .708	1.987	34.589	27.827	30.219	32.580	37.215	25.93	.327	1462.3	1012
1100	- .490	- .537	2.242	34.608	27.834	30.224	32.583	37.213	25.53	.353	1464.9	1113
1213	- .476	- .528	2.343	34.614	27.838	30.228	32.586	37.216	25.03	.378	1466.8	1229
1300	- .501	- .558	2.383	34.612	27.838	30.229	32.588	37.218	24.77	.403	1468.2	1317
1192	- .477	- .528	2.325	34.614	27.838	30.228	32.587	37.216	25.04	.377	1466.5	1207

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 58.5S 144 52.4E 537 1356 993.2 100 12 -1.7 0 0 0 1755 30DEC78 GL 79 2 185

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.46	-0.46	1.41	34.049	27.38	29.77		61	2.10			B	0	185
150	-1.82	-1.82	0.18	34.412	27.72	30.13		72	2.33				2	185
525	0.25	0.23	2.55	34.631	27.82	30.19		95					2	185
979	-0.67	-0.71	1.97	34.593	27.83	30.22		90	2.32				2	185
1353	-0.52	-0.58	2.40	34.622	27.85	30.24		97					2	185

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .456	- .456	1.407	34.023	27.360	29.750	32.109	36.742	72.51	0.000	1445.8	0
10	- .461	- .461	1.410	34.023	27.361	29.750	32.110	36.742	72.46	.007	1446.0	10
20	- .465	- .466	1.413	34.025	27.362	29.752	32.111	36.744	72.30	.014	1446.1	20
30	- .522	- .523	1.365	34.029	27.368	29.758	32.119	36.753	71.71	.022	1446.0	30
40	-1.146	-1.147	.750	34.062	27.419	29.819	32.189	36.841	66.80	.029	1443.3	40
50	-1.681	-1.682	.237	34.317	27.641	30.048	32.426	37.092	45.61	.034	1441.4	50
60	-1.773	-1.774	.156	34.370	27.687	30.095	32.473	37.143	41.25	.039	1441.2	61
70	-1.795	-1.797	.142	34.385	27.699	30.108	32.487	37.156	39.99	.043	1441.2	71
80	-1.815	-1.817	.131	34.396	27.709	30.118	32.496	37.167	39.02	.047	1441.3	81
90	-1.830	-1.832	.123	34.405	27.716	30.126	32.505	37.175	38.25	.050	1441.4	91
100	-1.834	-1.837	.127	34.408	27.719	30.128	32.507	37.178	37.95	.054	1441.6	101
125	-1.829	-1.831	.152	34.412	27.722	30.131	32.510	37.180	37.51	.064	1442.0	126
150	-1.818	-1.821	.182	34.416	27.725	30.134	32.513	37.183	37.06	.073	1442.5	151
175	-1.817	-1.821	.202	34.418	27.727	30.136	32.515	37.185	36.73	.082	1442.9	177
200	-1.805	-1.809	.233	34.420	27.728	30.137	32.516	37.185	36.48	.091	1443.4	202
225	-1.767	-1.772	.291	34.424	27.730	30.138	32.516	37.185	36.16	.100	1444.0	227
250	-1.691	-1.697	.385	34.430	27.733	30.140	32.517	37.183	35.81	.109	1444.8	253
275	-1.623	-1.630	.473	34.436	27.736	30.142	32.518	37.182	35.43	.118	1445.5	278
300	-1.337	-1.345	.780	34.457	27.745	30.146	32.518	37.173	34.71	.127	1447.3	303
325	-1.212	-1.221	.924	34.468	27.749	30.149	32.518	37.169	34.34	.136	1448.3	328
350	- .803	- .814	1.354	34.505	27.764	30.157	32.520	37.159	33.26	.144	1450.7	354
375	- .573	- .586	1.604	34.527	27.772	30.162	32.521	37.153	32.66	.152	1452.2	379
400	- .345	- .359	1.853	34.552	27.783	30.169	32.525	37.150	31.88	.161	1453.7	404
425	- .210	- .226	2.007	34.564	27.785	30.170	32.523	37.145	31.73	.168	1454.8	429
450	- .045	- .063	2.192	34.583	27.792	30.174	32.525	37.142	31.28	.176	1456.0	455
475	.083	.064	2.340	34.597	27.797	30.177	32.526	37.138	31.00	.184	1457.0	480
500	.158	.137	2.435	34.609	27.803	30.182	32.530	37.140	30.55	.192	1457.8	505
550	.149	.126	2.464	34.621	27.813	30.192	32.541	37.151	29.54	.207	1458.6	556
600	- .205	- .229	2.147	34.604	27.817	30.202	32.555	37.176	28.55	.221	1457.8	607
650	- .426	- .451	1.964	34.596	27.822	30.210	32.567	37.194	27.68	.235	1457.6	657
700	- .454	- .481	1.974	34.595	27.822	30.210	32.568	37.196	27.49	.249	1458.3	708
750	- .570	- .599	1.895	34.591	27.824	30.214	32.574	37.205	26.97	.263	1458.6	759
800	- .655	- .685	1.848	34.584	27.822	30.214	32.574	37.209	26.88	.276	1459.0	809
850	- .656	- .688	1.885	34.587	27.824	30.216	32.577	37.211	26.55	.290	1459.9	860
900	- .663	- .698	1.916	34.586	27.824	30.216	32.577	37.212	26.40	.303	1460.7	911
950	- .668	- .705	1.949	34.587	27.825	30.217	32.578	37.213	26.20	.316	1461.5	961
1000	- .662	- .702	1.993	34.589	27.826	30.218	32.579	37.214	26.01	.329	1462.3	1012
1100	- .547	- .592	2.185	34.603	27.833	30.224	32.583	37.214	25.52	.355	1464.6	1113



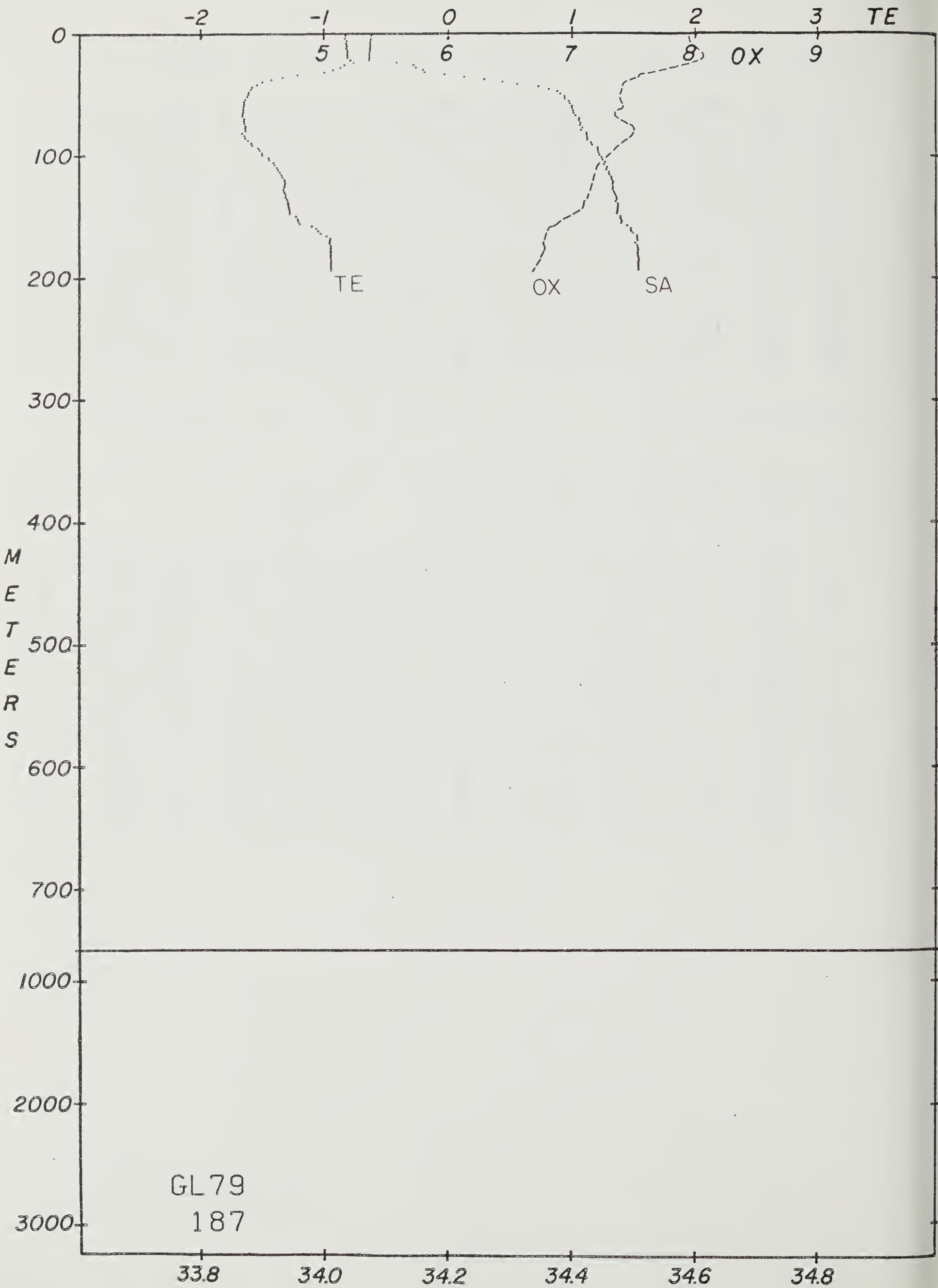
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
63 59.9S 144 58.1E 537 363 993.9 110 7 -1.1 0 0 0 2158 30DEC78 GL 79 1 186

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .476	- .476	1.388	34.022	27.361	29.750	32.110	36.743	72.51	0.000	1445.8	0
10	- .475	- .475	1.376	34.023	27.362	29.751	32.111	36.744	72.38	.007	1445.9	10
20	- .478	- .479	1.400	34.024	27.362	29.752	32.112	36.745	72.28	.014	1446.1	20
30	-1.611	-1.612	.289	34.263	27.396	30.002	32.378	37.043	50.06	.021	1441.3	30
40	-1.659	-1.660	.250	34.296	27.624	30.031	32.408	37.074	47.32	.025	1441.3	40
50	-1.754	-1.755	.166	34.357	27.675	30.084	32.462	37.130	42.37	.030	1441.1	50
60	-1.770	-1.772	.158	34.366	27.683	30.091	32.470	37.139	41.58	.034	1441.2	61
70	-1.784	-1.785	.153	34.377	27.693	30.101	32.480	37.149	40.63	.038	1441.3	71
80	-1.788	-1.790	.156	34.382	27.697	30.105	32.484	37.153	40.16	.042	1441.4	81
90	-1.795	-1.797	.158	34.388	27.702	30.110	32.489	37.158	39.65	.046	1441.6	91
100	-1.804	-1.806	.157	34.396	27.708	30.117	32.496	37.166	38.94	.050	1441.7	101
125	-1.818	-1.821	.162	34.408	27.718	30.127	32.506	37.176	37.86	.060	1442.1	126
150	-1.817	-1.820	.183	34.416	27.725	30.134	32.513	37.183	37.07	.069	1442.5	151
175	-1.781	-1.785	.238	34.421	27.728	30.136	32.515	37.184	36.66	.078	1443.1	177
200	-1.666	-1.671	.373	34.435	27.736	30.143	32.519	37.184	35.80	.087	1444.1	202
225	-1.397	-1.403	.662	34.462	27.751	30.153	32.525	37.182	34.48	.096	1445.8	227
250	- .914	- .922	1.166	34.503	27.767	30.161	32.526	37.168	33.21	.105	1448.5	253
275	- .322	- .332	1.781	34.557	27.785	30.170	32.526	37.150	31.87	.113	1451.8	278
300	- .945	- .954	1.176	34.539	27.797	30.192	32.557	37.200	30.13	.121	1449.3	303
325	- .892	- .902	1.249	34.548	27.803	30.197	32.561	37.202	29.59	.128	1449.9	328
350	- .884	- .895	1.275	34.549	27.803	30.198	32.561	37.202	29.47	.135	1450.4	354
357	- .878	- .889	1.287	34.550	27.804	30.198	32.562	37.202	29.43	.138	1450.5	361

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 59.9S 144 58.1E 537 363 993.6 110 9 -1.3 0 15 0 2219 30DEC78 GL 79 2 186

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.50	-0.50	1.36	34.037	27.37	29.76						B	0	186
12	-0.50	-0.50	1.37	34.029	27.37	29.76		61	1.89				2	186
131	-1.83	-1.63	0.16	34.409	27.72	30.13		71	2.34				2	186
261	-0.45	-0.46	1.64	34.558	27.79	30.18		85	2.37				2	186
356	-0.88	-0.89	1.28	34.554	27.81	30.20		85	2.22				2	186

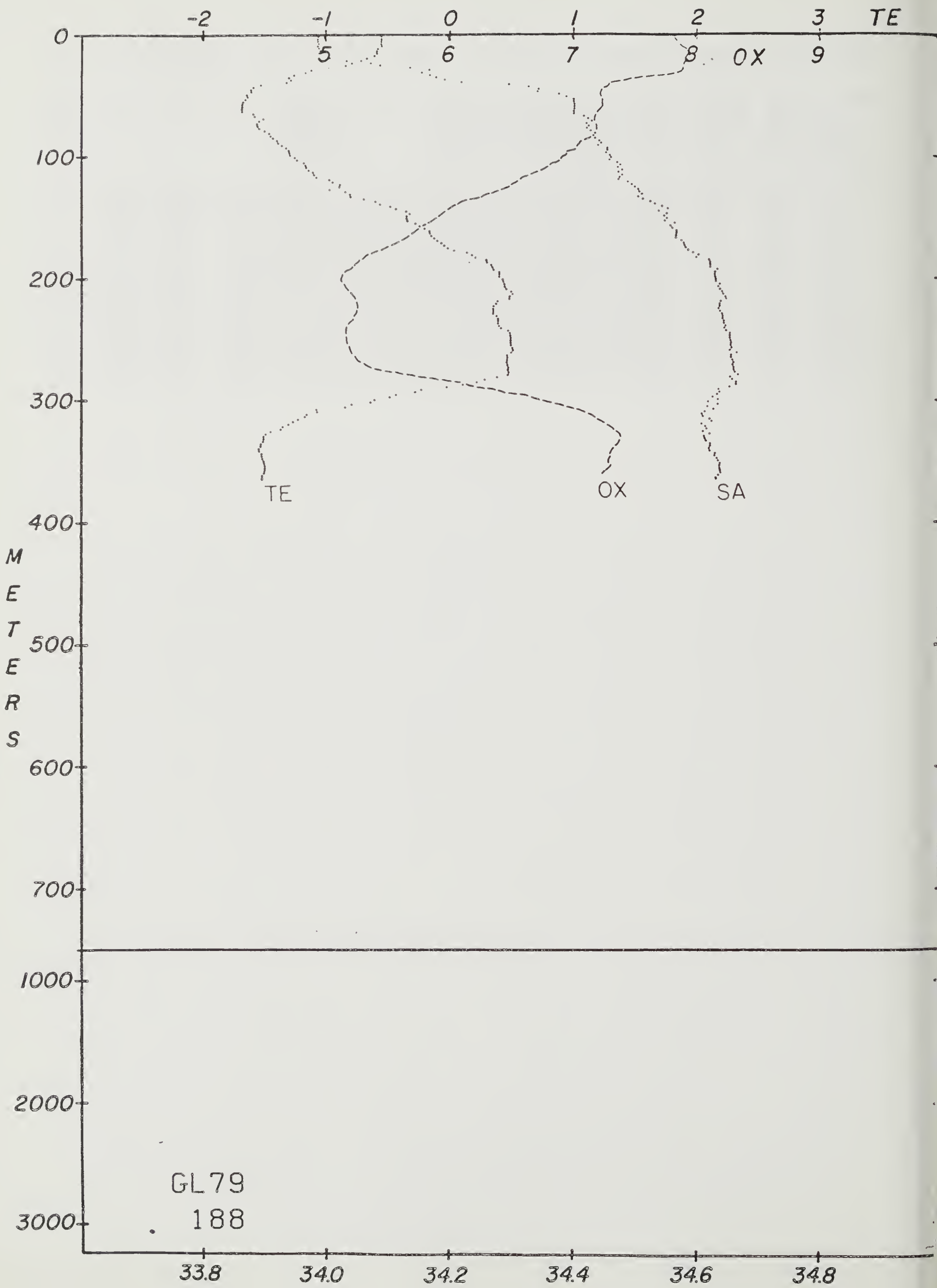
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .497	- .497	1.367	34.023	27.362	29.752	32.112	36.746	72.34	0.000	1445.7	0
10	- .502	- .502	1.369	34.021	27.360	29.751	32.111	36.744	72.48	.007	1445.8	10
20	- .511	- .511	1.368	34.021	27.361	29.751	32.111	36.745	72.42	.014	1445.9	20
30	- .968	- .969	.922	34.096	27.440	29.836	32.203	36.851	64.90	.021	1444.1	30
40	-1.505	-1.506	.401	34.229	27.565	29.970	32.345	37.007	52.88	.027	1441.9	40
50	-1.727	-1.728	.192	34.339	27.661	30.068	32.446	37.114	43.78	.032	1441.2	50
60	-1.772	-1.773	.157	34.373	27.689	30.097	32.475	37.145	41.05	.036	1441.2	61
70	-1.796	-1.798	.141	34.388	27.702	30.111	32.489	37.159	39.73	.040	1441.2	71
80	-1.803	-1.805	.142	34.394	27.707	30.116	32.495	37.164	39.20	.044	1441.4	81
90	-1.806	-1.808	.147	34.396	27.709	30.118	32.496	37.166	38.98	.048	1441.5	91
100	-1.809	-1.811	.152	34.398	27.710	30.119	32.498	37.168	38.80	.052	1441.7	101
125	-1.828	-1.831	.152	34.409	27.720	30.129	32.508	37.179	37.72	.062	1442.0	126
150	-1.795	-1.798	.205	34.417	27.725	30.133	32.512	37.182	37.08	.071	1442.6	151
175	-1.769	-1.773	.250	34.423	27.729	30.138	32.516	37.184	36.56	.080	1443.2	177
200	-1.602	-1.607	.437	34.437	27.737	30.142	32.518	37.181	35.79	.089	1444.4	202
225	-1.384	-1.390	.675	34.457	27.746	30.148	32.520	37.177	34.92	.098	1445.9	227
250	- .793	- .801	1.288	34.507	27.765	30.158	32.521	37.159	33.45	.107	1449.1	253
275	- .717	- .726	1.386	34.552	27.799	30.190	32.552	37.188	30.27	.115	1449.9	278
300	- .920	- .930	1.201	34.539	27.796	30.191	32.556	37.197	30.25	.122	1449.4	303
325	- .886	- .896	1.255	34.548	27.802	30.196	32.560	37.201	29.66	.130	1450.0	328
350	- .873	- .885	1.286	34.549	27.803	30.197	32.560	37.201	29.55	.137	1450.4	354
357	- .874	- .885	1.292	34.554	27.807	30.201	32.564	37.205	29.15	.139	1450.6	361



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	8.1S	145	10.6E	537	199	993.2	100	10	-1.7	0	10	0	28	31DEC78	GL	79 2 187

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.62	-0.62	1.25	34.061	27.40	29.79		62	2.01			B	0	187
30	-0.93	-0.93	0.96	34.144	27.48	29.87		67	2.48				2	187
71	-1.66	-1.66	0.28	34.401	27.71	30.12		70	2.23				2	187
168	-0.95	-0.95	1.07	34.510	27.77	30.17		80	2.47				2	187
194	-0.94	-0.95	1.10	34.513	27.78	30.17		80	2.47				2	187

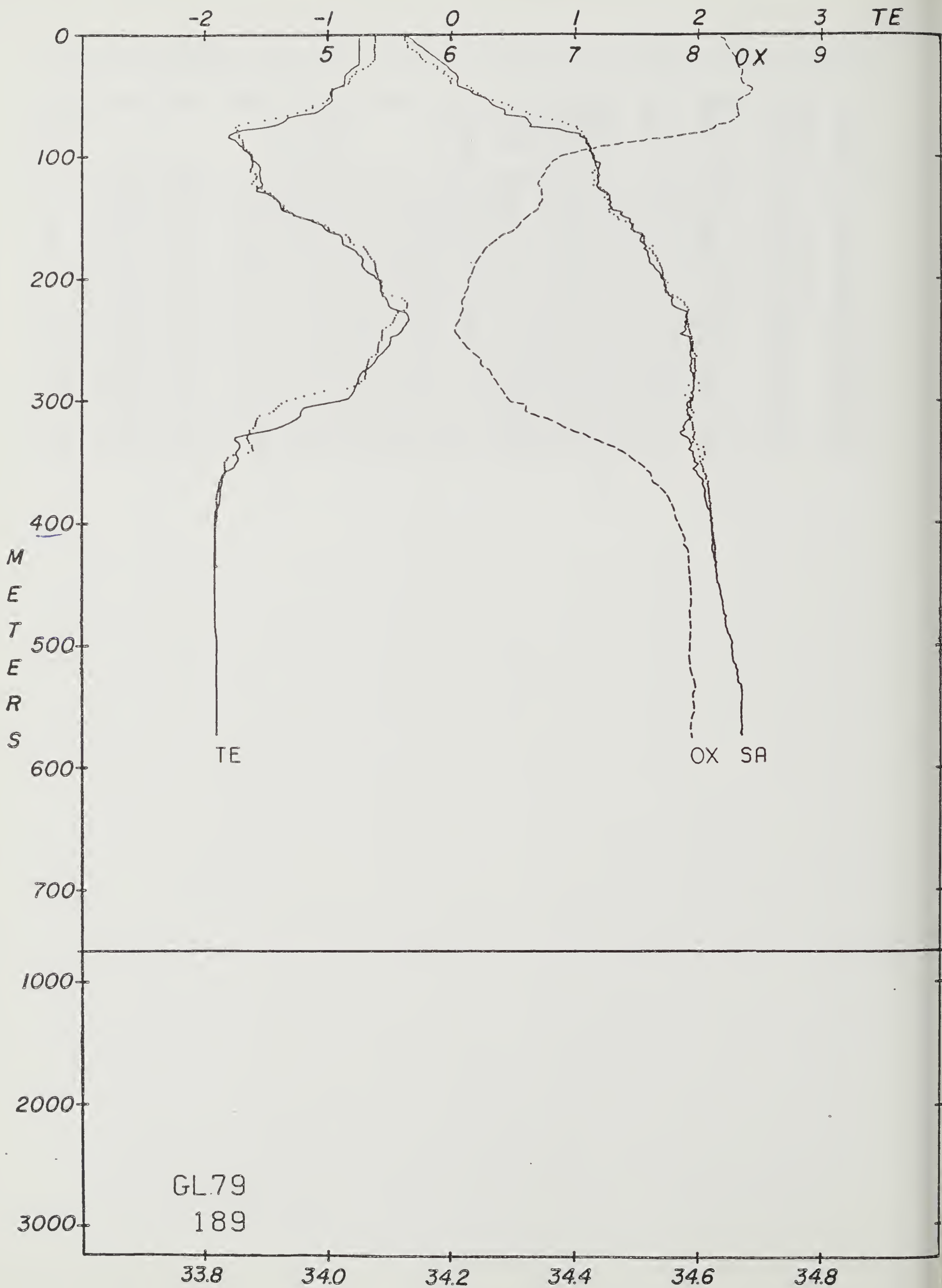
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.625	-0.625	1.240	34.035	27.377	29.769	32.131	36.768	70.92	0.000	1445.1	0
10	-0.634	-0.634	1.238	34.035	27.378	29.770	32.132	36.769	70.85	.007	1445.2	10
20	-0.641	-0.642	1.238	34.038	27.380	29.773	32.135	36.772	70.55	.014	1445.3	20
30	-0.942	-0.943	.952	34.159	27.490	29.886	32.253	36.898	60.14	.021	1444.3	30
40	-1.505	-1.506	.404	34.289	27.614	30.018	32.393	37.054	48.31	.026	1442.0	40
50	-1.624	-1.625	.298	34.381	27.692	30.098	32.474	37.138	40.84	.031	1441.7	50
60	-1.660	-1.661	.271	34.399	27.707	30.113	32.490	37.155	39.35	.035	1441.7	61
70	-1.659	-1.661	.279	34.409	27.715	30.122	32.498	37.163	38.92	.038	1441.9	71
80	-1.655	-1.657	.292	34.419	27.723	30.130	32.506	37.171	37.69	.042	1442.1	81
90	-1.588	-1.590	.368	34.432	27.732	30.137	32.512	37.175	36.85	.046	1442.6	91
100	-1.482	-1.485	.481	34.445	27.740	30.143	32.517	37.176	36.09	.050	1443.3	101
125	-1.328	-1.331	.656	34.466	27.751	30.152	32.523	37.178	34.92	.059	1444.5	126
150	-1.221	-1.225	.782	34.478	27.758	30.157	32.527	37.178	34.22	.067	1445.4	151
175	-0.947	-0.952	1.077	34.506	27.771	30.166	32.531	37.174	33.06	.076	1447.1	177
192	-0.944	-0.949	1.094	34.507	27.771	30.166	32.531	37.174	32.95	.081	1447.4	194



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
66 23.1S	145 10.9E	537	367	992.6	100	4	-1.7	0		3	0	346	31DEC78	GL	79	2	188	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.54	-0.54	1.32	33.989	27.34	29.73		61	2.21				2	188
63	-1.67	-1.67	0.26	34.396	27.71	30.11		69	2.14				2	188
210	0.48	0.47	2.54	34.645	27.81	30.19		95	2.60			D4	2	188
356	-1.48	-1.49	0.69	34.635	27.89	30.30		79	2.13				2	188

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-.536	-.536	1.325	33.990	27.337	29.728	32.089	36.724	74.71	0.000	1445.4	0
10	-.541	-.541	1.329	33.990	27.338	29.728	32.089	36.724	74.65	.007	1445.6	10
20	-.652	-.652	1.226	34.014	27.362	29.754	32.117	36.755	72.32	.015	1445.3	20
30	-1.106	-1.107	.789	34.163	27.499	29.898	32.267	36.918	59.22	.021	1443.5	30
40	-1.379	-1.380	.528	34.237	27.568	29.971	32.343	37.002	52.66	.027	1442.5	40
50	-1.629	-1.630	.293	34.383	27.693	30.099	32.475	37.140	40.71	.032	1441.7	50
60	-1.671	-1.672	.260	34.404	27.711	30.118	32.495	37.160	38.93	.036	1441.7	61
70	-1.515	-1.516	.425	34.425	27.724	30.128	32.502	37.163	37.69	.039	1442.6	71
80	-1.474	-1.476	.474	34.433	27.729	30.133	32.506	37.165	37.18	.043	1443.0	81
90	-1.363	-1.365	.593	34.448	27.738	30.140	32.511	37.167	36.31	.047	1443.7	91
100	-1.257	-1.260	.707	34.461	27.745	30.145	32.515	37.168	35.64	.050	1444.4	101
125	-.885	-.888	1.101	34.504	27.767	30.160	32.525	37.166	33.65	.059	1446.6	126
150	-.339	-.345	1.668	34.549	27.779	30.165	32.521	37.145	32.60	.067	1449.6	151
175	.025	.018	2.053	34.589	27.794	30.174	32.523	37.137	31.40	.075	1451.7	177
200	.439	.431	2.490	34.633	27.806	30.180	32.524	37.125	30.40	.083	1454.1	202
225	.367	.357	2.436	34.639	27.815	30.190	32.535	37.138	29.54	.091	1454.2	227
250	.509	.498	2.598	34.657	27.822	30.195	32.537	37.137	29.03	.098	1455.3	253
275	.488	.476	2.597	34.665	27.830	30.203	32.546	37.145	28.31	.105	1455.6	278
300	-.698	-.708	1.427	34.626	27.858	30.249	32.609	37.244	24.66	.112	1450.5	303
325	-1.478	-1.486	.667	34.618	27.879	30.282	32.655	37.313	21.83	.118	1447.3	328
350	-1.485	-1.494	.680	34.639	27.896	30.299	32.672	37.330	20.10	.123	1447.7	354
361	-1.508	-1.518	.665	34.633	27.893	30.296	32.669	37.328	20.39	.125	1447.8	365



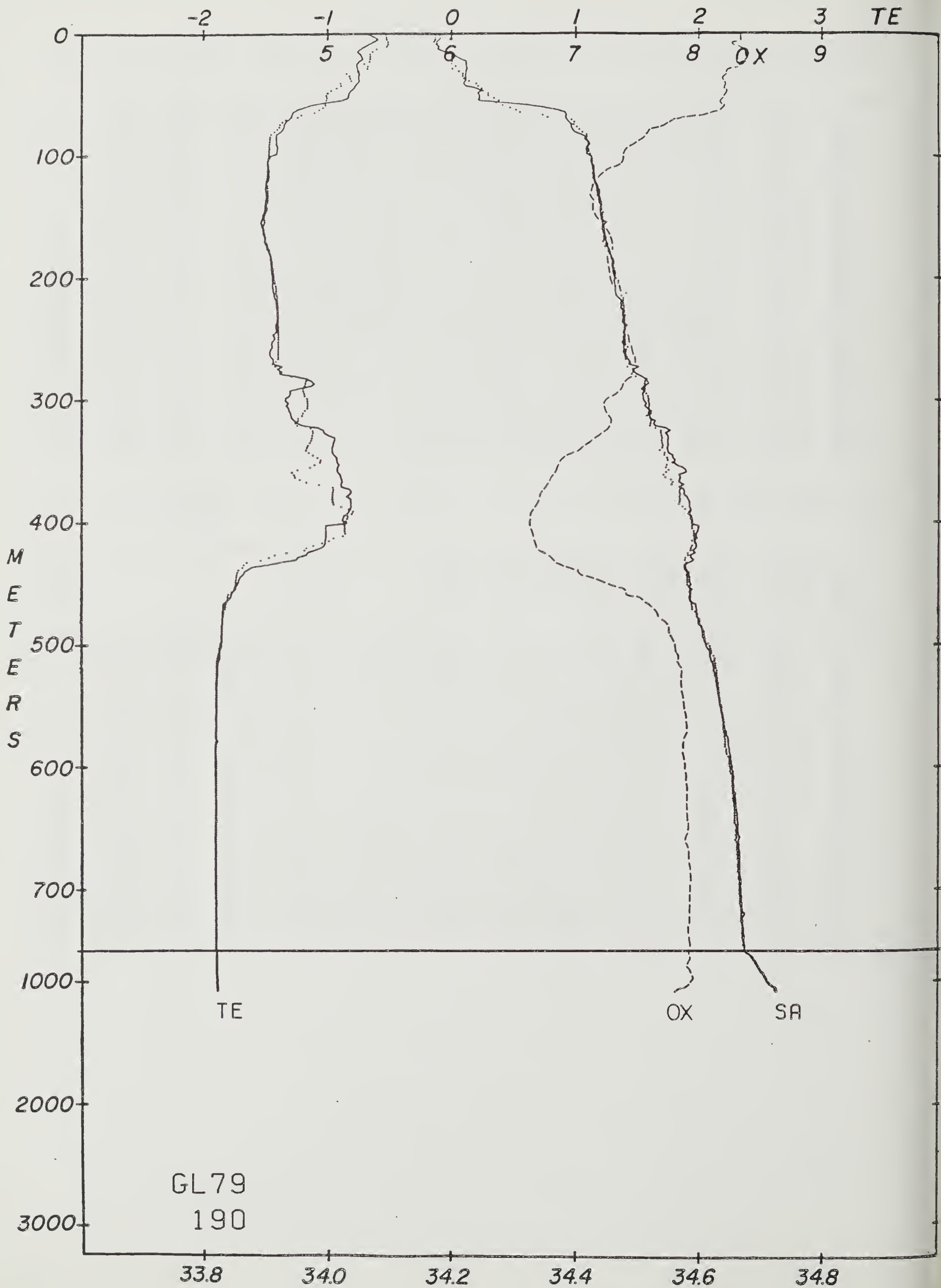
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 66 40.9S 145 11.7E 537 575 991.5 120 4 -1.1 2 0 0 1035 31DEC78 GL 79 1 189

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.740	-1.740	1.129	34.128	27.457	29.850	32.214	36.854	63.36	0.000	1444.7	0
10	-1.740	-1.740	1.139	34.154	27.478	29.871	32.234	36.874	61.33	.006	1444.9	10
20	-1.740	-1.741	1.148	34.180	27.499	29.892	32.255	36.895	59.29	.012	1445.1	20
30	-1.828	-1.829	1.068	34.204	27.522	29.917	32.281	36.923	57.09	.018	1444.9	30
40	-1.867	-1.869	1.037	34.211	27.529	29.924	32.290	36.932	56.36	.024	1444.9	40
50	-1.964	-1.966	.950	34.248	27.563	29.959	32.325	36.971	53.15	.029	1444.6	50
60	-1.043	-1.044	.891	34.282	27.593	29.990	32.358	37.006	50.23	.034	1444.5	61
70	-1.348	-1.349	.586	34.325	27.638	30.040	32.412	37.068	45.88	.039	1443.3	71
80	-1.756	-1.757	.190	34.393	27.705	30.113	32.491	37.159	39.39	.043	1441.6	81
90	-1.695	-1.697	.260	34.423	27.728	30.134	32.511	37.178	37.23	.047	1442.1	91
100	-1.608	-1.610	.355	34.430	27.731	30.136	32.512	37.175	36.91	.051	1442.7	101
125	-1.560	-1.563	.422	34.439	27.737	30.142	32.516	37.179	36.19	.060	1443.3	126
150	-1.157	-1.161	.847	34.486	27.762	30.161	32.529	37.179	33.84	.069	1445.7	152
175	-1.778	-1.783	1.247	34.518	27.773	30.166	32.528	37.166	32.90	.077	1447.9	177
200	-1.566	-1.573	1.479	34.545	27.787	30.176	32.535	37.167	31.67	.085	1449.4	202
225	-1.382	-1.390	1.684	34.579	27.806	30.192	32.548	37.174	29.92	.093	1450.7	227
250	-1.491	-1.499	1.595	34.588	27.818	30.206	32.564	37.193	28.65	.100	1450.6	253
275	-1.727	-1.736	1.378	34.592	27.831	30.223	32.584	37.220	27.21	.107	1449.9	278
300	-1.060	-1.069	1.064	34.584	27.838	30.235	32.601	37.247	26.24	.114	1448.8	303
325	-1.679	-1.687	.463	34.576	27.851	30.257	32.634	37.298	24.28	.120	1446.3	328
350	-1.750	-1.759	.412	34.599	27.872	30.279	32.656	37.323	22.16	.126	1446.4	354
375	-1.865	-1.874	.317	34.613	27.886	30.295	32.674	37.344	20.53	.131	1446.3	379
400	-1.907	-1.916	.295	34.624	27.896	30.306	32.685	37.357	19.40	.136	1446.5	404
425	-1.910	-1.920	.311	34.628	27.900	30.309	32.689	37.360	18.90	.141	1446.9	430
450	-1.910	-1.921	.330	34.637	27.907	30.316	32.696	37.367	18.11	.146	1447.4	455
475	-1.908	-1.920	.352	34.644	27.912	30.322	32.701	37.373	17.44	.150	1447.8	480
500	-1.894	-1.906	.385	34.657	27.923	30.332	32.711	37.382	16.32	.155	1448.3	505
550	-1.896	-1.910	.423	34.672	27.935	30.344	32.724	37.394	14.90	.162	1449.2	556
566	-1.895	-1.910	.436	34.673	27.936	30.345	32.724	37.395	14.74	.165	1449.4	573

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 66 40.9S 145 11.7E 537 575 991.5 140 4 -1.1 2 0 0 1120 31DEC78 GL 79 2 189

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.61	-0.61	1.26	34.149	27.47	29.86		67	1.56			B	0	189
8	-0.62	-0.62	1.26	34.140	27.46	29.85		66	1.75				2	189
103	-1.60	-1.60	0.37	34.437	27.74	30.14		74	2.27				2	189
215	-0.35	-0.36	1.71	34.582	27.81	30.19		86	2.44				2	189
566	-1.90	-1.91	0.43	34.674	27.94	30.35		74	2.16				2	189

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.613	-1.613	1.257	34.127	27.451	29.842	32.204	36.840	63.93	0.000	1445.3	0
10	-1.620	-1.620	1.257	34.133	27.456	29.848	32.209	36.845	63.41	.006	1445.4	10
20	-1.621	-1.621	1.265	34.156	27.475	29.866	32.227	36.864	61.64	.013	1445.6	20
30	-1.755	-1.756	1.141	34.183	27.502	29.895	32.259	36.899	58.98	.019	1445.2	30
40	-1.840	-1.841	1.065	34.207	27.525	29.919	32.284	36.926	56.79	.024	1445.0	40
50	-1.969	-1.971	.945	34.251	27.565	29.962	32.328	36.974	52.92	.030	1444.6	50
60	-1.133	-1.134	.792	34.301	27.612	30.010	32.379	37.029	48.46	.035	1444.1	61
70	-1.552	-1.554	.385	34.369	27.680	30.084	32.459	37.122	41.91	.040	1442.4	71
80	-1.716	-1.718	.230	34.411	27.718	30.125	32.503	37.170	38.17	.044	1441.8	81
90	-1.672	-1.674	.283	34.423	27.727	30.133	32.510	37.176	37.30	.047	1442.2	91
100	-1.601	-1.604	.361	34.432	27.732	30.138	32.513	37.176	36.78	.051	1442.7	101
125	-1.521	-1.524	.461	34.442	27.738	30.143	32.517	37.177	36.07	.060	1443.5	126
150	-1.146	-1.150	.858	34.477	27.754	30.152	32.521	37.170	34.62	.069	1445.8	152
175	-1.683	-1.689	1.342	34.526	27.776	30.167	32.528	37.163	32.65	.077	1448.4	177
200	-1.577	-1.583	1.469	34.548	27.789	30.178	32.538	37.169	31.45	.085	1449.3	202
225	-1.405	-1.413	1.662	34.586	27.813	30.199	32.556	37.182	29.28	.093	1450.6	227
250	-1.577	-1.586	1.509	34.593	27.826	30.215	32.574	37.205	27.90	.100	1450.2	253
275	-1.690	-1.699	1.415	34.596	27.833	30.224	32.585	37.220	27.02	.107	1450.1	278
300	-1.382	-1.390	.742	34.588	27.852	30.254	32.625	37.280	24.60	.113	1447.3	303
325	-1.638	-1.647	.505	34.594	27.865	30.270	32.646	37.309	23.04	.119	1446.5	328
350	-1.826	-1.834	.337	34.608	27.881	30.290	32.668	37.337	21.16	.125	1446.1	354
375	-1.894	-1.903	.289	34.620	27.893	30.302	32.681	37.352	19.88	.130	1446.2	379
400	-1.907	-1.916	.295	34.625	27.897	30.306	32.686	37.357	19.35	.135	1446.5	404
425	-1.909	-1.919	.312	34.630	27.901	30.310	32.690	37.361	18.82	.140	1447.0	430
430	-1.896	-1.906	.329	34.630	27.901	30.310	32.689	37.360	18.80	.141	1447.1	435



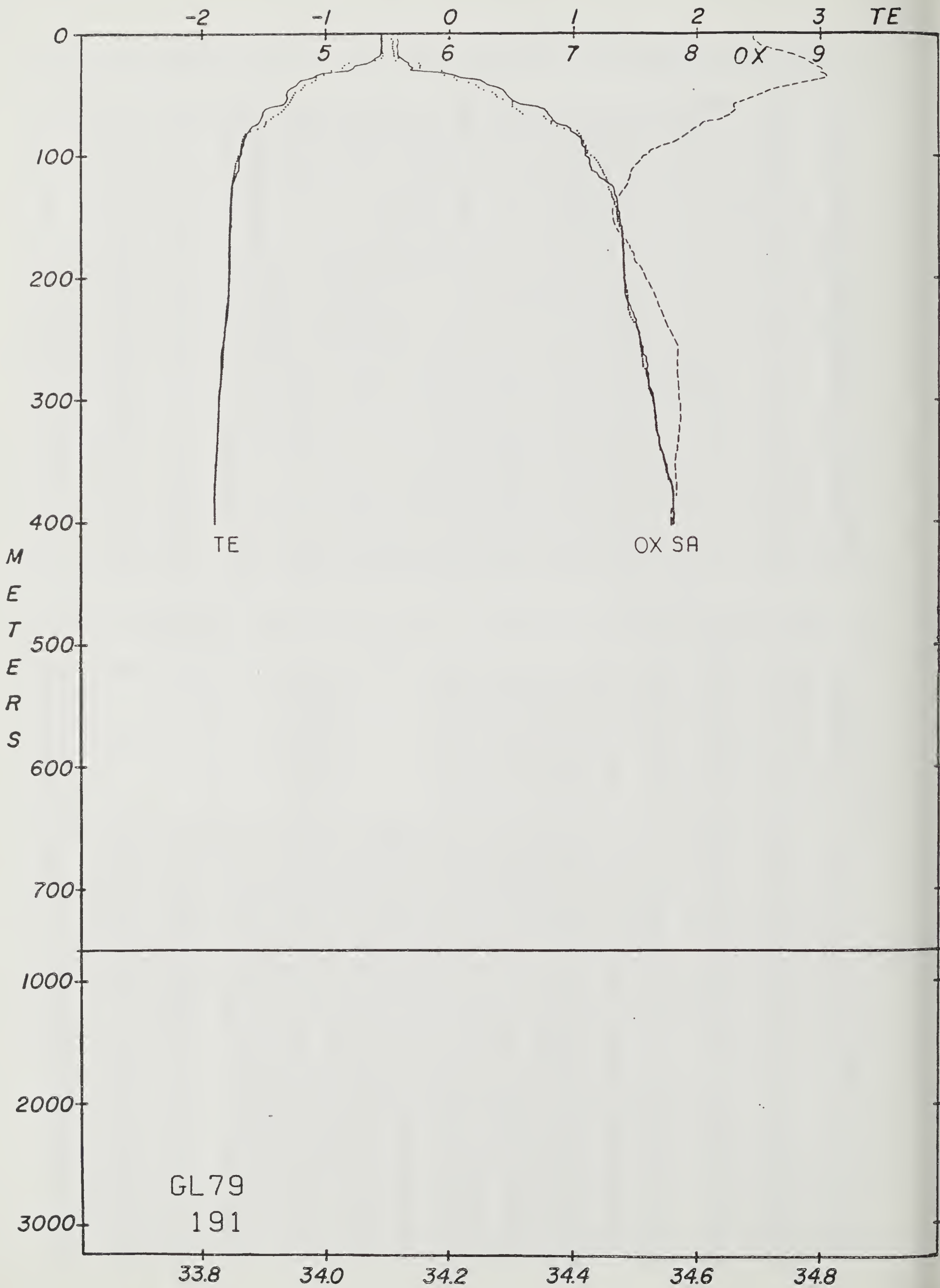
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN	
67	0.05	145	14.0E	537	1093	990.9	160	2	-1.6	2	5	0	1608	31DEC78	GL	79	1	190

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .700	- .700	1.173	34.180	27.497	29.890	32.252	36.891	59.53	0.000	1444.9	0
10	- .677	- .678	1.202	34.176	27.493	29.885	32.247	36.885	59.93	.006	1445.2	10
20	- .735	- .736	1.154	34.208	27.522	29.915	32.278	36.917	57.16	.012	1445.1	20
30	- .768	- .769	1.130	34.224	27.536	29.929	32.292	36.932	55.81	.017	1445.2	30
40	- .763	- .764	1.143	34.222	27.534	29.927	32.290	36.930	55.97	.023	1445.4	40
50	- .838	- .839	1.076	34.245	27.555	29.950	32.314	36.956	53.88	.029	1445.2	50
60	-1.136	-1.137	.771	34.326	27.633	30.031	32.400	37.051	46.48	.034	1444.0	61
70	-1.312	-1.314	.625	34.387	27.687	30.088	32.459	37.114	41.27	.038	1443.5	71
80	-1.378	-1.380	.568	34.396	27.696	30.098	32.470	37.127	40.31	.042	1443.4	81
90	-1.419	-1.421	.536	34.421	27.718	30.120	32.493	37.151	38.24	.046	1443.4	91
100	-1.445	-1.448	.517	34.422	27.719	30.122	32.495	37.154	38.02	.050	1443.4	101
125	-1.506	-1.509	.476	34.436	27.733	30.137	32.511	37.171	36.61	.059	1443.6	126
150	-1.529	-1.532	.473	34.441	27.737	30.142	32.516	37.177	36.03	.068	1443.9	152
175	-1.485	-1.489	.536	34.452	27.745	30.149	32.522	37.182	35.19	.077	1444.5	177
200	-1.448	-1.453	.593	34.462	27.752	30.155	32.528	37.186	34.45	.086	1445.1	202
225	-1.411	-1.417	.649	34.475	27.762	30.164	32.536	37.194	33.45	.094	1445.8	227
250	-1.440	-1.447	.639	34.477	27.764	30.167	32.540	37.198	33.07	.103	1446.0	253
275	-1.394	-1.401	.705	34.497	27.778	30.181	32.552	37.209	31.63	.111	1446.7	278
300	-1.338	-1.346	.781	34.514	27.791	30.192	32.563	37.218	30.41	.118	1447.4	303
325	-1.016	-1.026	1.124	34.548	27.807	30.203	32.569	37.214	29.08	.126	1449.4	328
350	- .919	- .930	1.242	34.565	27.817	30.212	32.576	37.218	28.11	.133	1450.3	354
375	- .830	- .842	1.350	34.579	27.825	30.218	32.581	37.220	27.41	.140	1451.1	379
400	- .991	-1.003	1.209	34.597	27.846	30.242	32.607	37.251	25.16	.147	1450.8	404
425	-1.219	-1.232	1.000	34.588	27.847	30.246	32.615	37.266	24.73	.153	1450.1	430
450	-1.748	-1.759	.490	34.586	27.861	30.268	32.646	37.313	22.58	.159	1448.1	455
475	-1.852	-1.864	.405	34.598	27.874	30.283	32.662	37.332	21.11	.164	1448.0	480
500	-1.871	-1.883	.406	34.616	27.889	30.298	32.677	37.348	19.53	.169	1448.4	505
550	-1.904	-1.917	.413	34.637	27.907	30.316	32.696	37.367	17.52	.178	1449.1	556
600	-1.907	-1.923	.448	34.656	27.922	30.332	32.712	37.383	15.78	.187	1449.9	607
650	-1.907	-1.924	.487	34.666	27.930	30.340	32.719	37.391	14.73	.194	1450.8	657
700	-1.901	-1.920	.531	34.670	27.933	30.343	32.722	37.393	14.19	.202	1451.6	708
750	-1.898	-1.918	.573	34.676	27.938	30.348	32.727	37.398	13.45	.209	1452.5	759
800	-1.894	-1.916	.615	34.687	27.947	30.356	32.736	37.406	12.38	.215	1453.4	809
850	-1.893	-1.917	.654	34.692	27.951	30.361	32.740	37.411	11.67	.221	1454.2	860
900	-1.890	-1.916	.695	34.699	27.957	30.366	32.746	37.416	10.90	.227	1455.1	911
950	-1.890	-1.918	.733	34.708	27.964	30.373	32.752	37.423	9.98	.232	1455.9	962
1000	-1.889	-1.918	.774	34.713	27.968	30.378	32.757	37.427	9.31	.237	1456.8	1012
1077	-1.886	-1.919	.836	34.727	27.979	30.389	32.768	37.438	7.85	.243	1458.2	1091

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN	
67	0.05	145	14.0E	537	1093	990.9	140	2	-1.6	2	0	0	1656	31DEC78	GL	79	2	190

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.54	-0.54	1.33	34.112	27.44	29.83		67	1.55			B	0	190
28	-0.68	-0.68	1.22	34.204	27.52	29.91		67	1.66				2	190
63	-1.21	-1.21	0.72	34.342	27.65	30.05		70	2.06				2	190
153	-1.52	-1.52	0.48	34.441	27.74	30.14		76	2.11				2	190
248	-1.40	-1.41	0.68	34.479	27.76	30.17		76	2.29				2	190
391	-0.82	-0.83	1.37	34.587	27.83	30.22		87	2.55			D4	2	190
420	-1.12	-1.13	1.09	34.586	27.84	30.24		83	2.43				2	190
554	-1.90	-1.91	0.42	34.635	27.90	30.31		75	2.27				2	190
737	-1.90	-1.92	0.56	34.672	27.93	30.34		75	2.38				2	190
915	-1.89	-1.92	0.71	34.700	27.96	30.37		74	2.42				2	190
1061	-1.89	-1.92	0.82	34.718	27.97	30.38		76	2.53			D4	2	190

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .538	- .538	1.334	34.172	27.484	29.874	32.234	36.868	60.78	0.000	1445.7	0
10	- .518	- .518	1.361	34.173	27.484	29.874	32.234	36.867	60.74	.006	1445.9	10
20	- .667	- .667	1.222	34.201	27.513	29.905	32.266	36.904	58.03	.012	1445.4	20
30	- .713	- .714	1.183	34.204	27.518	29.910	32.273	36.911	57.52	.018	1445.4	30
40	- .863	- .864	1.043	34.231	27.545	29.940	32.305	36.948	54.84	.023	1444.9	40
50	-1.010	-1.011	.905	34.259	27.573	29.970	32.337	36.983	52.19	.029	1444.4	50
60	-1.039	-1.041	.885	34.286	27.596	29.993	32.361	37.009	49.92	.034	1444.5	61
70	-1.287	-1.288	.650	34.368	27.671	30.071	32.442	37.096	42.81	.039	1443.6	71
80	-1.426	-1.428	.520	34.410	27.709	30.112	32.485	37.143	39.08	.043	1443.2	81
90	-1.475	-1.477	.479	34.419	27.718	30.121	32.495	37.154	38.20	.046	1443.1	91
100	-1.481	-1.483	.482	34.424	27.723	30.126	32.500	37.159	37.71	.050	1443.3	101
125	-1.492	-1.495	.490	34.434	27.731	30.135	32.509	37.169	36.78	.060	1443.7	126
150	-1.516	-1.520	.485	34.443	27.739	30.143	32.517	37.177	35.93	.069	1444.0	152
175	-1.494	-1.498	.527	34.449	27.743	30.147	32.521	37.181	35.36	.078	1444.5	177
200	-1.436	-1.442	.604	34.465	27.755	30.157	32.530	37.188	34.21	.086	1445.2	202
225	-1.403	-1.409	.657	34.479	27.764	30.167	32.539	37.196	33.19	.095	1445.8	227
250	-1.401	-1.407	.679	34.480	27.765	30.167	32.540	37.197	33.00	.103	1446.2	253
275	-1.385	-1.392	.714	34.492	27.774	30.176	32.548	37.205	32.04	.111	1446.7	278
300	-1.164	-1.173	.956	34.519	27.789	30.188	32.556	37.206	30.69	.119	1448.2	303
325	-1.122	-1.131	1.018	34.539	27.804	30.202	32.569	37.218	29.25	.126	1448.9	328
350	-1.099	-1.110	1.060	34.551	27.813	30.210	32.577	37.225	28.37	.134	1449.4	354
375	- .964	- .975	1.216	34.570	27.823	30.218	32.583	37.226	27.48	.141	1450.5	379
400	- .870	- .883	1.329	34.589	27.835	30.229	32.592	37.233	26.37	.147	1451.3	404
425	-1.468	-1.480	.750	34.578	27.847	30.250	32.623	37.281	24.41	.154	1449.0	430
450	-1.752	-1.764	.485	34.582	27.858	30.266	32.643	37.310	22.85	.160	1448.0	455
475	-1.851	-1.863	.406	34.600	27.875	30.284	32.663	37.333	20.99	.165	1448.0	480
500	-1.878	-1.891	.399	34.620	27.892	30.301	32.680	37.351	19.24	.170	1448.3	505
550	-1.899	-1.913	.417	34.638	27.907	30.317	32.696	37.367	17.47	.179	1449.1	556
600	-1.899	-1.915	.456	34.654	27.920	30.330	32.709	37.380	16.01	.189	1450.0	607
650	-1.901	-1.918	.492	34.661	27.926	30.336	32.715	37.386	15.13	.195	1450.8	657
700	-1.896	-1.915	.535	34.668	27.931	30.341	32.720	37.391	14.38	.203	1451.7	708
750	-1.896	-1.917	.574	34.672	27.935	30.345	32.724	37.395	13.75	.210	1452.5	759
800	-1.893	-1.916	.616	34.688	27.948	30.357	32.736	37.407	12.30	.216	1453.4	809
850	-1.893	-1.917	.654	34.694	27.953	30.362	32.742	37.412	11.55	.222	1454.2	860
900	-1.893	-1.919	.692	34.700	27.957	30.367	32.747	37.417	10.82	.228	1455.1	911



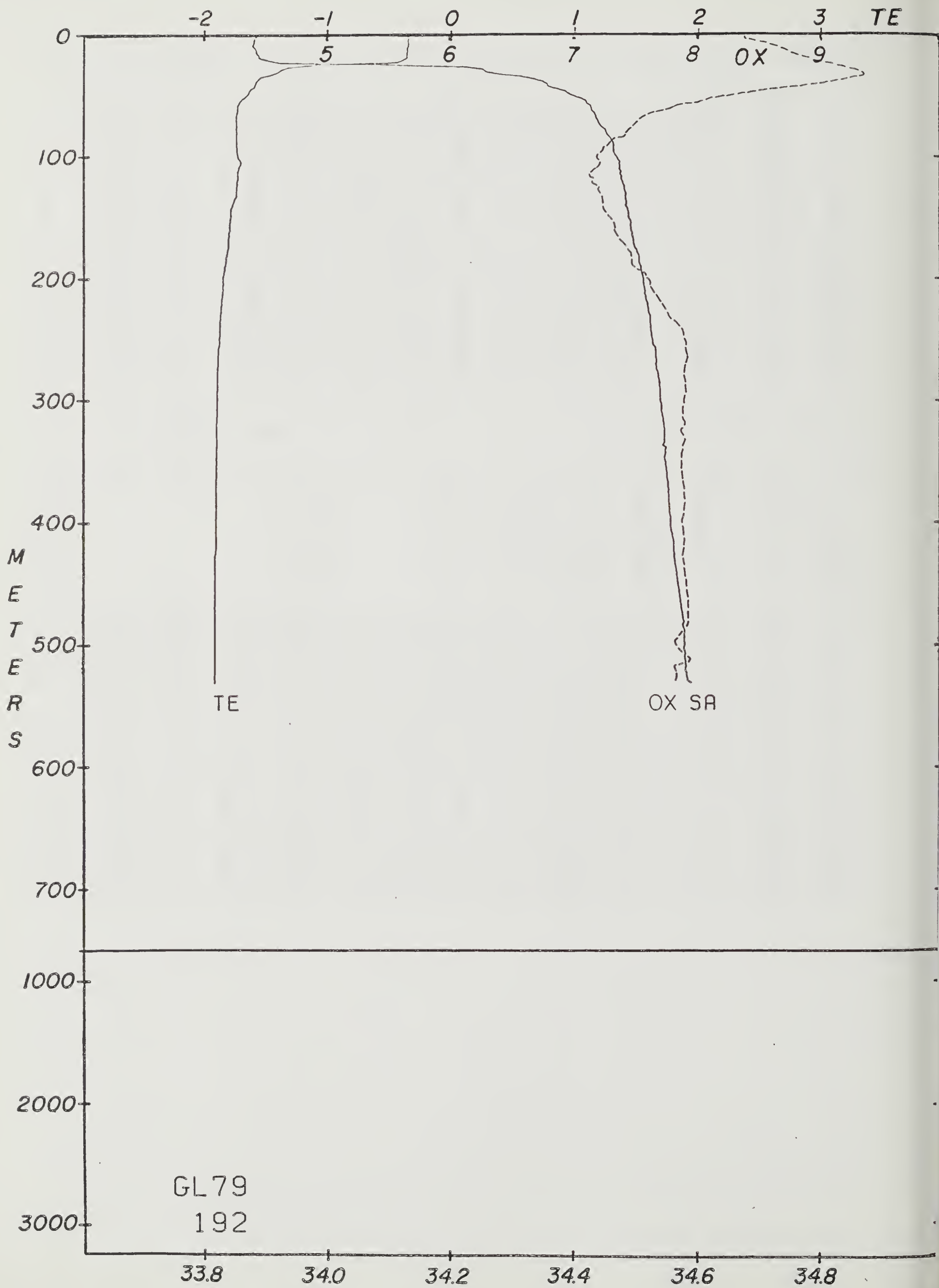
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 52.9S 146 21.5E 537 403 989.8 130 14 -0.1 2 10 0 2325 31DEC78 GL 79 1 191

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.554	-1.554	1.315	34.118	27.441	29.832	32.192	36.827	64.85	0.000	1445.5	0
10	-1.551	-1.551	1.326	34.116	27.440	29.830	32.191	36.825	64.95	.006	1445.7	10
20	-1.596	-1.597	1.288	34.121	27.445	29.836	32.198	36.834	64.41	.013	1445.7	20
30	-1.883	-1.884	1.011	34.152	27.482	29.877	32.243	36.887	60.86	.019	1444.5	30
40	-1.224	-1.225	.683	34.257	27.579	29.979	32.349	37.003	51.64	.025	1443.3	40
50	-1.316	-1.317	.601	34.292	27.610	30.012	32.383	37.039	48.62	.030	1443.0	50
60	-1.448	-1.450	.479	34.343	27.656	30.059	32.432	37.092	44.25	.035	1442.7	61
70	-1.528	-1.530	.408	34.367	27.677	30.082	32.456	37.118	42.14	.039	1442.5	71
80	-1.629	-1.630	.317	34.400	27.707	30.113	32.489	37.153	39.26	.043	1442.2	81
90	-1.664	-1.666	.290	34.414	27.719	30.126	32.502	37.167	38.04	.047	1442.2	91
100	-1.692	-1.694	.270	34.423	27.728	30.134	32.511	37.178	37.18	.051	1442.3	101
125	-1.760	-1.762	.224	34.465	27.764	30.171	32.549	37.217	33.60	.059	1442.4	126
150	-1.771	-1.774	.232	34.476	27.772	30.180	32.558	37.226	32.63	.068	1442.8	152
175	-1.778	-1.782	.244	34.481	27.777	30.185	32.563	37.231	32.05	.076	1443.2	177
200	-1.781	-1.786	.261	34.484	27.779	30.187	32.565	37.234	31.69	.084	1443.6	202
225	-1.801	-1.806	.260	34.497	27.791	30.199	32.577	37.246	30.45	.091	1443.9	227
250	-1.824	-1.830	.257	34.511	27.802	30.211	32.589	37.259	29.21	.099	1444.3	253
275	-1.843	-1.850	.258	34.522	27.812	30.221	32.599	37.270	28.13	.106	1444.6	278
300	-1.861	-1.868	.259	34.532	27.820	30.229	32.609	37.279	27.16	.113	1445.0	303
325	-1.871	-1.879	.268	34.539	27.826	30.236	32.615	37.286	26.44	.120	1445.3	328
350	-1.887	-1.896	.272	34.553	27.838	30.247	32.627	37.298	25.21	.126	1445.7	354
375	-1.896	-1.905	.283	34.563	27.847	30.256	32.636	37.307	24.20	.132	1446.1	379
396	-1.896	-1.905	.300	34.563	27.846	30.256	32.636	37.307	24.11	.138	1446.4	401

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 52.9S 146 21.5E 537 403 989.8 130 14 -0.1 2 0 0 2354 31DEC78 GL 79 2 191

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.55	-0.55	1.32	34.141	27.46	29.85		67	1.55			B	0	191
4	-0.55	-0.55	1.32	34.117	27.44	29.83		66	1.09				2	191
14	-0.55	-0.55	1.33	34.112	27.44	29.83		65	1.49				2	191
29	-0.91	-0.91	0.98	34.160	27.49	29.89		67	1.67				2	191
53	-1.28	-1.28	0.64	34.281	27.60	30.00		71	2.10				2	191
109	-1.73	-1.73	0.24	34.442	27.74	30.15		76	2.26				2	191
204	-1.78	-1.78	0.26	34.486	27.78	30.19		76	2.15				2	191
293	-1.85	-1.86	0.26	34.525	27.81	30.22		75	2.45				2	191
390	-1.90	-1.91	0.29	34.558	27.84	30.25		76	2.31				2	191

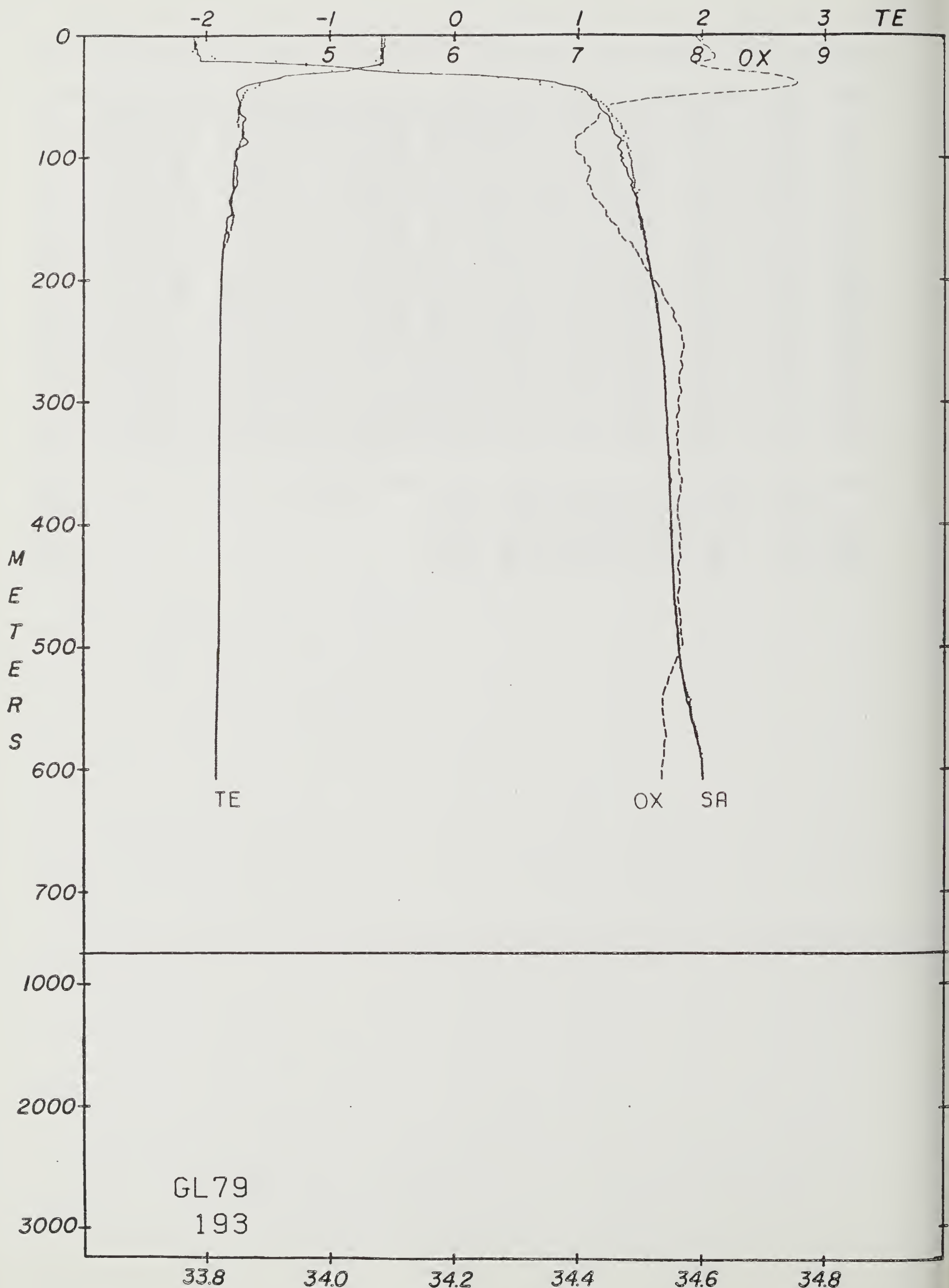
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.549	-1.549	1.319	34.109	27.434	29.824	32.185	36.819	65.56	0.000	1445.5	0
10	-1.549	-1.550	1.326	34.107	27.432	29.823	32.183	36.818	65.66	.007	1445.7	10
20	-1.559	-1.560	1.325	34.115	27.439	29.830	32.191	36.825	64.98	.013	1445.8	20
30	-1.947	-1.948	.949	34.180	27.507	29.904	32.270	36.916	58.48	.019	1444.3	30
40	-1.129	-1.130	.777	34.232	27.555	29.954	32.323	36.974	53.88	.025	1443.7	40
50	-1.263	-1.265	.652	34.274	27.594	29.994	32.366	37.020	50.16	.030	1443.3	50
60	-1.327	-1.329	.598	34.304	27.620	30.022	32.393	37.050	47.62	.035	1443.2	61
70	-1.457	-1.459	.479	34.359	27.669	30.073	32.446	37.106	42.89	.040	1442.8	71
80	-1.620	-1.621	.326	34.404	27.710	30.116	32.491	37.156	38.97	.044	1442.3	81
90	-1.681	-1.683	.273	34.418	27.723	30.130	32.507	37.173	37.63	.047	1442.2	91
100	-1.708	-1.711	.254	34.432	27.735	30.142	32.519	37.186	36.47	.051	1442.2	101
125	-1.755	-1.758	.228	34.458	27.757	30.165	32.543	37.210	34.19	.060	1442.4	126
150	-1.766	-1.769	.237	34.472	27.769	30.177	32.555	37.223	32.92	.068	1442.8	152
175	-1.776	-1.780	.247	34.481	27.777	30.185	32.563	37.231	32.03	.076	1443.2	177
200	-1.777	-1.782	.264	34.484	27.779	30.187	32.565	37.234	31.67	.084	1443.6	202
225	-1.790	-1.795	.271	34.491	27.785	30.194	32.572	37.240	30.96	.092	1444.0	227
250	-1.822	-1.828	.259	34.509	27.801	30.209	32.588	37.258	29.33	.100	1444.3	253
275	-1.838	-1.844	.263	34.519	27.809	30.218	32.597	37.267	28.36	.107	1444.6	278
300	-1.861	-1.868	.260	34.532	27.820	30.229	32.608	37.279	27.19	.114	1445.0	303
325	-1.872	-1.879	.268	34.538	27.826	30.235	32.614	37.285	26.50	.121	1445.3	328
350	-1.884	-1.893	.275	34.550	27.836	30.246	32.625	37.296	25.38	.127	1445.7	354
375	-1.896	-1.905	.283	34.564	27.847	30.257	32.636	37.308	24.19	.133	1446.1	379
393	-1.896	-1.905	.298	34.563	27.846	30.256	32.636	37.307	24.12	.138	1446.4	398



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 33.4S	147 0.6E	537	532	986.8	100	12	0.2	2	2700	0	546	1JAN79	GL	79	1	192

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SGUNDV	PRES
0	-1.335	-1.335	1.521	33.887	27.245	29.634	31.992	36.622	83.42	0.000	1446.2	0
10	-1.342	-1.343	1.521	33.884	27.244	29.632	31.990	36.621	83.56	.008	1446.3	10
20	-1.407	-1.407	1.466	33.914	27.270	29.657	32.019	36.650	81.02	.017	1446.2	20
30	-1.409	-1.410	.491	34.266	27.592	29.995	32.368	37.027	50.44	.023	1442.2	30
40	-1.582	-1.583	.331	34.358	27.672	30.078	32.453	37.116	42.77	.028	1441.7	40
50	-1.666	-1.667	.258	34.405	27.712	30.119	32.495	37.161	38.92	.032	1441.6	50
60	-1.723	-1.724	.209	34.429	27.733	30.141	32.519	37.185	36.84	.036	1441.5	61
70	-1.733	-1.734	.208	34.440	27.742	30.150	32.527	37.194	35.96	.039	1441.6	71
80	-1.732	-1.733	.217	34.454	27.754	30.161	32.538	37.205	34.82	.043	1441.8	81
90	-1.729	-1.731	.228	34.465	27.763	30.170	32.547	37.214	33.89	.046	1442.0	91
100	-1.710	-1.712	.255	34.472	27.768	30.174	32.551	37.218	33.39	.050	1442.3	101
125	-1.730	-1.733	.255	34.482	27.776	30.184	32.561	37.227	32.41	.058	1442.6	126
150	-1.782	-1.785	.222	34.491	27.785	30.193	32.571	37.239	31.44	.066	1442.8	152
175	-1.804	-1.808	.220	34.502	27.795	30.203	32.581	37.250	30.36	.074	1443.1	177
200	-1.840	-1.845	.203	34.513	27.805	30.213	32.592	37.262	29.24	.081	1443.4	202
225	-1.860	-1.865	.203	34.522	27.812	30.221	32.600	37.271	28.39	.088	1443.7	227
250	-1.872	-1.877	.211	34.529	27.818	30.227	32.606	37.277	27.70	.095	1444.1	253
275	-1.887	-1.893	.215	34.537	27.825	30.234	32.614	37.285	26.88	.102	1444.4	278
300	-1.890	-1.897	.231	34.542	27.829	30.239	32.619	37.290	26.28	.109	1444.8	303
325	-1.895	-1.903	.245	34.547	27.833	30.243	32.623	37.294	25.74	.115	1445.2	328
350	-1.897	-1.906	.262	34.550	27.835	30.245	32.625	37.296	25.41	.122	1445.6	354
375	-1.900	-1.909	.278	34.554	27.839	30.249	32.629	37.300	24.91	.128	1446.0	379
400	-1.903	-1.912	.295	34.558	27.843	30.252	32.632	37.304	24.42	.134	1446.5	404
425	-1.914	-1.924	.304	34.564	27.847	30.257	32.637	37.309	23.82	.140	1446.8	430
450	-1.914	-1.924	.323	34.571	27.853	30.263	32.643	37.315	23.13	.146	1447.3	455
475	-1.913	-1.925	.343	34.578	27.859	30.269	32.649	37.321	22.42	.152	1447.7	480
500	-1.913	-1.925	.362	34.580	27.861	30.271	32.650	37.322	22.13	.157	1448.1	505
524	-1.915	-1.928	.379	34.590	27.869	30.279	32.659	37.330	21.22	.162	1448.5	530

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.33	-0.33	1.53	33.904	27.26	29.65		62	1.37			B	0	192
16	-0.34	-0.34	1.53	33.896	27.25	29.64							0	192
28	-1.30	-1.30	0.60	34.218	27.55	29.95							0	192
52	-1.68	-1.68	0.25	34.412	27.72	30.12							0	192
103	-1.70	-1.70	0.27	34.464	27.76	30.17							0	192
252	-1.87	-1.88	0.21	34.530	27.82	30.23							0	192
517	-1.91	-1.92	0.38	34.597	27.87	30.28							0	192



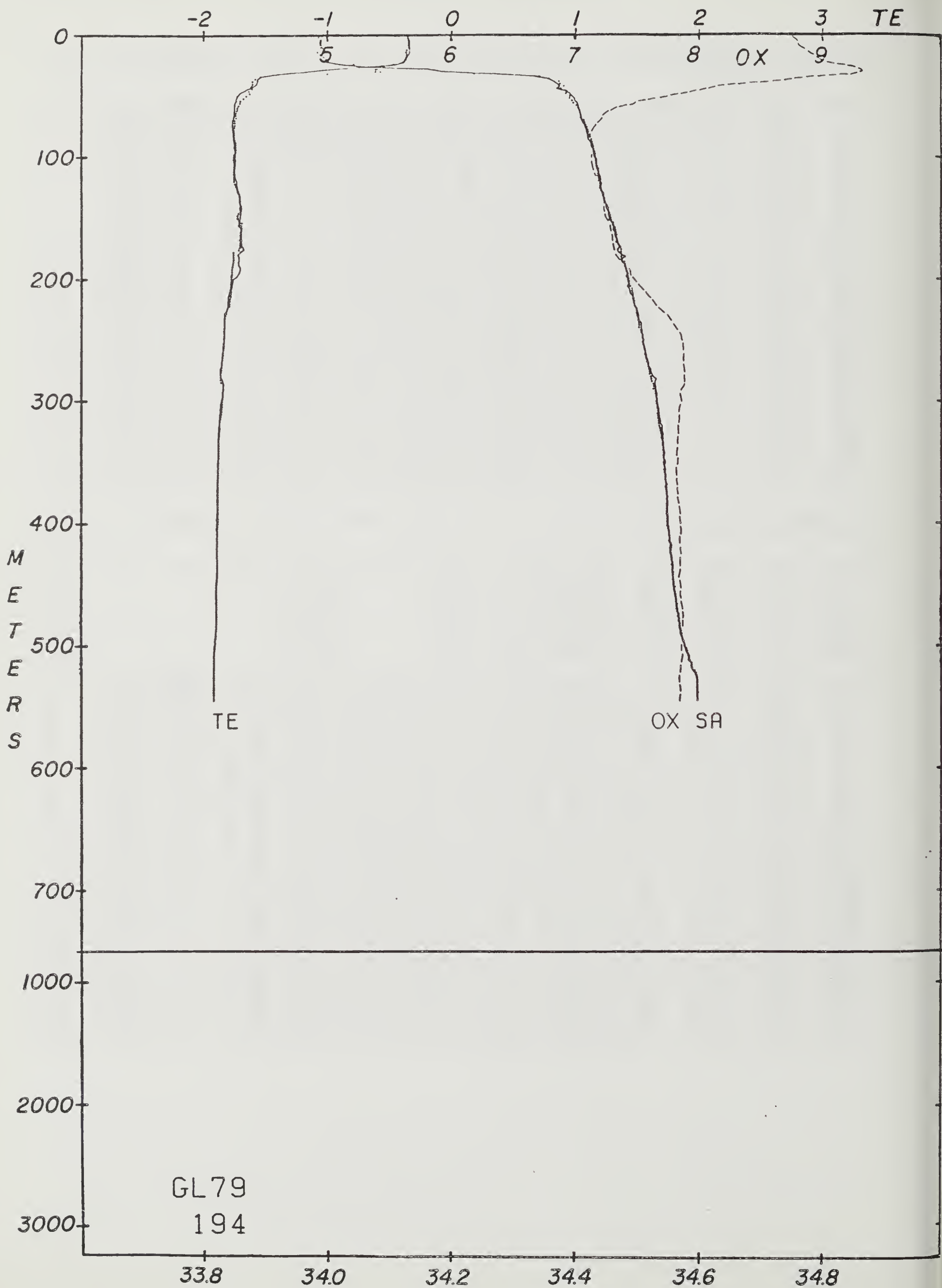
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 49.5S	146 58.8E	537	611	986.1	110	12	-0.1	2		5	0	1028	1JAN79	GL	79	1	193

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.550	-1.550	1.300	33.789	27.176	29.567	31.929	36.567	90.03	0.000	1445.1	0
10	-1.552	-1.552	1.306	33.783	27.171	29.563	31.925	36.562	90.42	.009	1445.2	10
20	-1.565	-1.566	1.300	33.792	27.179	29.571	31.933	36.570	89.68	.018	1445.3	20
30	-1.914	-1.915	.975	34.076	27.422	29.818	32.184	36.830	66.59	.026	1444.3	30
40	-1.610	-1.611	.304	34.365	27.678	30.084	32.460	37.124	42.20	.031	1441.6	40
50	-1.742	-1.744	.182	34.419	27.726	30.133	32.511	37.179	37.62	.035	1441.2	50
60	-1.720	-1.721	.213	34.437	27.740	30.147	32.524	37.191	36.25	.039	1441.5	61
70	-1.683	-1.685	.258	34.452	27.751	30.157	32.534	37.200	35.16	.043	1441.9	71
80	-1.699	-1.701	.250	34.460	27.758	30.165	32.542	37.208	34.42	.046	1442.0	81
90	-1.688	-1.690	.270	34.467	27.763	30.170	32.546	37.212	33.86	.049	1442.2	91
100	-1.743	-1.746	.222	34.473	27.769	30.177	32.554	37.221	33.22	.053	1442.1	101
125	-1.759	-1.762	.226	34.488	27.782	30.190	32.568	37.235	31.84	.061	1442.5	126
150	-1.823	-1.826	.182	34.502	27.795	30.204	32.582	37.251	30.47	.069	1442.6	152
175	-1.854	-1.858	.170	34.513	27.805	30.214	32.593	37.263	29.40	.076	1442.9	177
200	-1.866	-1.871	.178	34.522	27.812	30.221	32.601	37.271	28.53	.083	1443.3	202
225	-1.877	-1.882	.186	34.532	27.820	30.230	32.609	37.280	27.60	.090	1443.6	227
250	-1.879	-1.884	.204	34.537	27.825	30.235	32.614	37.285	26.99	.097	1444.1	253
275	-1.890	-1.886	.222	34.542	27.829	30.239	32.618	37.289	26.46	.104	1444.5	278
300	-1.882	-1.889	.239	34.545	27.831	30.241	32.620	37.292	26.09	.111	1444.9	303
325	-1.884	-1.892	.256	34.547	27.833	30.243	32.622	37.293	25.77	.117	1445.3	328
350	-1.887	-1.895	.272	34.550	27.836	30.245	32.624	37.296	25.41	.123	1445.7	354
375	-1.887	-1.896	.292	34.552	27.837	30.247	32.626	37.297	25.10	.130	1446.1	379
400	-1.887	-1.897	.310	34.553	27.838	30.248	32.627	37.299	24.85	.136	1446.5	404
425	-1.887	-1.898	.329	34.555	27.840	30.250	32.629	37.300	24.54	.142	1446.9	430
450	-1.888	-1.899	.348	34.558	27.842	30.252	32.631	37.302	24.21	.148	1447.4	455
475	-1.891	-1.902	.364	34.561	27.845	30.255	32.634	37.306	23.78	.154	1447.8	480
500	-1.902	-1.914	.372	34.566	27.849	30.259	32.638	37.310	23.25	.160	1448.1	505
550	-1.908	-1.922	.405	34.584	27.864	30.274	32.654	37.325	21.54	.171	1449.0	556
600	-1.914	-1.930	.438	34.604	27.880	30.290	32.670	37.342	19.70	.182	1449.8	607
602	-1.915	-1.930	.439	34.604	27.880	30.290	32.670	37.342	19.70	.182	1449.8	609

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 49.5S	146 58.8E	537	611	986.1	130	10	-0.1	2		0	0	1104	1JAN79	GL	79	2	193

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.58	-0.58	1.27	33.796	27.18	29.57		68	1.72			B	0	193
15	-0.58	-0.58	1.28	33.785	27.17	29.57		61	1.81				2	193
44	-1.60	-1.60	0.32	34.364	27.68	30.08		70	2.12				2	193
156	-1.78	-1.78	0.23	34.500	27.79	30.20		77	2.51			D4	2	193
302	-1.88	-1.89	0.24	34.533	27.82	30.23		77	2.38				2	193
446	-1.89	-1.90	0.34	34.554	27.84	30.25		76	2.46				2	193
597	-1.92	-1.94	0.43	34.603	27.88	30.29		78	2.42				2	193

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.581	-1.581	1.269	33.781	27.170	29.562	31.925	36.563	90.52	0.000	1444.9	0
10	-1.581	-1.581	1.276	33.782	27.171	29.563	31.926	36.564	90.44	.009	1445.1	10
20	-1.590	-1.591	1.278	33.835	27.214	29.607	31.969	36.607	86.28	.018	1445.3	20
30	-1.006	-1.006	.886	34.126	27.466	29.863	32.230	36.878	62.43	.025	1443.9	30
40	-1.348	-1.348	.364	34.334	27.652	30.057	32.432	37.094	44.72	.031	1441.8	40
50	-1.692	-1.693	.232	34.420	27.725	30.132	32.509	37.175	37.68	.035	1441.4	50
60	-1.732	-1.733	.201	34.449	27.750	30.157	32.535	37.202	35.28	.038	1441.5	61
70	-1.736	-1.737	.206	34.465	27.763	30.170	32.547	37.215	34.03	.042	1441.6	71
80	-1.688	-1.690	.263	34.478	27.772	30.179	32.555	37.221	33.05	.045	1442.0	81
90	-1.724	-1.726	.235	34.481	27.776	30.183	32.560	37.226	32.68	.049	1442.0	91
100	-1.752	-1.754	.214	34.486	27.780	30.188	32.565	37.233	32.18	.052	1442.1	101
125	-1.772	-1.775	.214	34.496	27.788	30.196	32.574	37.242	31.25	.060	1442.4	126
150	-1.776	-1.780	.229	34.505	27.797	30.204	32.582	37.250	30.34	.067	1442.8	152
175	-1.855	-1.859	.170	34.513	27.805	30.214	32.593	37.264	29.35	.075	1442.9	177
200	-1.872	-1.877	.172	34.522	27.813	30.222	32.601	37.272	28.47	.082	1443.2	202
225	-1.876	-1.881	.187	34.530	27.819	30.229	32.608	37.279	27.70	.089	1443.6	227
250	-1.878	-1.884	.204	34.536	27.824	30.234	32.613	37.284	27.07	.096	1444.0	253
275	-1.881	-1.888	.221	34.542	27.829	30.238	32.618	37.289	26.50	.103	1444.5	278
300	-1.882	-1.888	.240	34.544	27.831	30.241	32.620	37.291	26.15	.109	1444.9	303
325	-1.884	-1.892	.256	34.547	27.833	30.243	32.622	37.293	25.77	.116	1445.3	328
350	-1.886	-1.894	.273	34.550	27.836	30.245	32.624	37.296	25.41	.122	1445.7	354
375	-1.887	-1.895	.292	34.552	27.837	30.247	32.626	37.297	25.11	.128	1446.1	379
400	-1.887	-1.896	.311	34.554	27.839	30.248	32.628	37.299	24.80	.135	1446.5	404
425	-1.887	-1.897	.330	34.556	27.840	30.250	32.629	37.301	24.50	.141	1447.0	430
450	-1.888	-1.899	.348	34.559	27.843	30.252	32.632	37.303	24.15	.147	1447.4	455
475	-1.891	-1.902	.364	34.562	27.845	30.255	32.634	37.306	23.73	.153	1447.8	480
500	-1.893	-1.906	.381	34.566	27.849	30.259	32.638	37.310	23.24	.159	1448.2	505
550	-1.909	-1.923	.404	34.586	27.865	30.275	32.655	37.327	21.39	.170	1449.0	556
600	-1.914	-1.929	.438	34.604	27.880	30.290	32.670	37.342	19.72	.180	1449.8	606



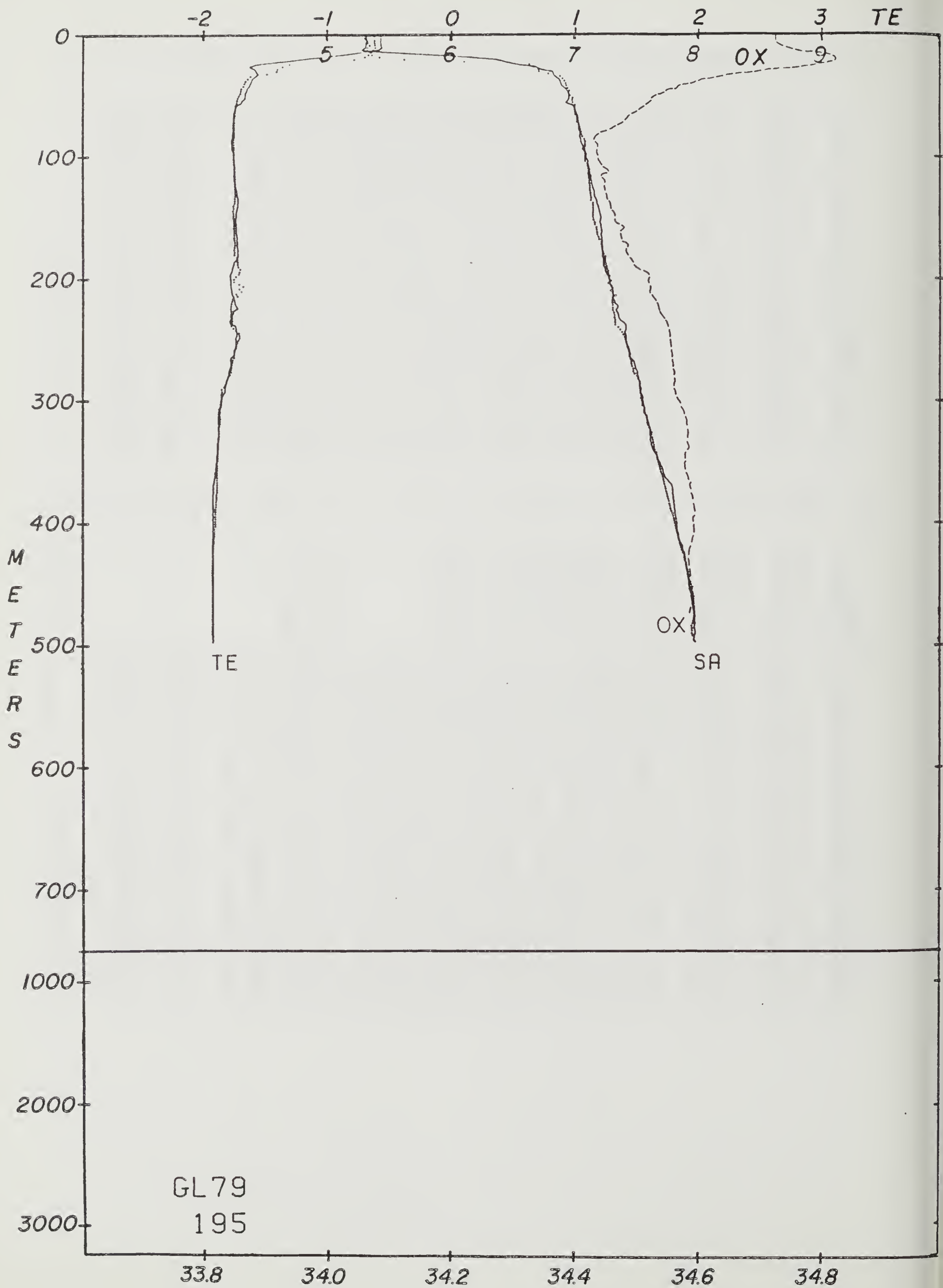
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67	3.05	147	0.0E	537	547	985.8	110	6	-0.6	0	0	0	1502	1JAN79	GL	79 1 194

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.332	-1.332	1.530	33.992	27.330	29.717	32.075	36.704	75.40	0.000	1446.4	0
10	-1.332	-1.333	1.537	33.993	27.331	29.718	32.076	36.705	75.30	.008	1446.5	10
20	-1.369	-1.370	1.508	34.001	27.339	29.727	32.086	36.716	74.48	.015	1446.5	20
30	-1.196	-1.197	.701	34.211	27.541	29.941	32.311	36.964	55.29	.022	1443.2	30
40	-1.574	-1.575	.340	34.373	27.684	30.089	32.464	37.127	41.69	.026	1441.8	40
50	-1.723	-1.724	.200	34.398	27.708	30.115	32.492	37.160	39.33	.030	1441.3	50
60	-1.746	-1.748	.185	34.407	27.716	30.124	32.501	37.169	38.50	.034	1441.3	61
70	-1.761	-1.762	.178	34.412	27.720	30.128	32.506	37.174	38.04	.038	1441.4	71
80	-1.755	-1.757	.192	34.420	27.727	30.135	32.513	37.181	37.32	.042	1441.6	81
90	-1.745	-1.747	.210	34.427	27.732	30.140	32.517	37.185	36.77	.046	1441.9	91
100	-1.738	-1.740	.225	34.433	27.737	30.144	32.522	37.189	36.30	.049	1442.1	101
125	-1.721	-1.724	.261	34.443	27.745	30.152	32.529	37.196	35.40	.058	1442.6	126
150	-1.704	-1.707	.299	34.457	27.755	30.162	32.539	37.206	34.26	.067	1443.1	152
175	-1.683	-1.687	.339	34.471	27.766	30.173	32.549	37.215	33.09	.075	1443.6	177
200	-1.757	-1.762	.285	34.486	27.780	30.188	32.566	37.233	31.59	.083	1443.7	202
225	-1.818	-1.824	.243	34.501	27.794	30.203	32.581	37.251	30.10	.091	1443.9	227
250	-1.832	-1.838	.249	34.511	27.803	30.212	32.590	37.260	29.12	.099	1444.2	253
275	-1.856	-1.862	.245	34.525	27.815	30.224	32.603	37.273	27.86	.106	1444.6	278
300	-1.856	-1.863	.265	34.535	27.822	30.231	32.610	37.281	26.98	.113	1445.0	303
325	-1.875	-1.882	.265	34.544	27.830	30.239	32.619	37.290	26.08	.119	1445.3	328
350	-1.880	-1.888	.279	34.546	27.832	30.242	32.621	37.292	25.74	.126	1445.7	354
375	-1.885	-1.894	.293	34.550	27.835	30.245	32.624	37.296	25.28	.132	1446.1	379
400	-1.888	-1.897	.310	34.552	27.837	30.247	32.626	37.298	24.94	.138	1446.5	404
425	-1.888	-1.898	.329	34.557	27.841	30.251	32.630	37.301	24.45	.144	1446.9	430
450	-1.896	-1.907	.339	34.561	27.845	30.254	32.634	37.306	23.94	.151	1447.3	455
475	-1.895	-1.907	.360	34.568	27.851	30.261	32.640	37.312	23.22	.156	1447.8	480
500	-1.913	-1.925	.362	34.582	27.862	30.272	32.652	37.324	21.99	.162	1448.1	505
539	-1.918	-1.931	.388	34.598	27.875	30.285	32.665	37.337	20.52	.170	1448.8	545

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67	3.05	147	0.0E	537	547	985.8	110	7	-0.6	0	0	0	1528	1JAN79	GL	79 2 194

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.35	-0.35	1.52	34.045	27.37	29.76		65	1.34			B	0	194
3	-0.34	-0.34	1.53	34.113	27.43	29.82		64	1.50				2	194
32	-0.62	-0.62	1.27	34.105	27.43	29.83		65	1.67				2	194
68	-1.73	-1.73	0.21	34.408	27.72	30.12		74	2.20				2	194
169	-1.70	-1.70	0.32	34.468	27.76	30.17		77	2.31				2	194
401	-1.88	-1.89	0.32	34.551	27.84	30.25		78	2.44				2	194
532	-1.92	-1.93	0.38	34.599	27.88	30.29		77	2.27				2	194

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.350	-1.350	1.512	33.987	27.327	29.714	32.073	36.702	75.71	0.000	1446.3	0
10	-1.343	-1.343	1.526	33.990	27.329	29.716	32.074	36.704	75.51	.008	1446.5	10
20	-1.371	-1.372	1.506	33.999	27.338	29.726	32.084	36.714	74.61	.015	1446.5	20
30	-1.715	-1.716	1.177	34.126	27.455	29.847	32.210	36.850	63.50	.022	1445.3	30
40	-1.605	-1.606	.309	34.378	27.688	30.094	32.470	37.133	41.23	.027	1441.6	40
50	-1.660	-1.661	.262	34.391	27.700	30.107	32.483	37.149	40.04	.031	1441.6	50
60	-1.727	-1.728	.204	34.407	27.715	30.123	32.500	37.168	38.55	.035	1441.4	61
70	-1.743	-1.745	.196	34.415	27.723	30.130	32.508	37.176	37.81	.039	1441.5	71
80	-1.749	-1.751	.198	34.423	27.729	30.137	32.515	37.183	37.12	.043	1441.7	81
90	-1.735	-1.737	.220	34.430	27.734	30.142	32.519	37.187	36.60	.046	1441.9	91
100	-1.752	-1.754	.211	34.433	27.737	30.145	32.523	37.191	36.24	.050	1442.0	101
125	-1.722	-1.725	.260	34.442	27.744	30.151	32.528	37.195	35.51	.059	1442.6	126
150	-1.708	-1.711	.294	34.459	27.757	30.164	32.541	37.207	34.10	.068	1443.1	152
175	-1.728	-1.732	.294	34.475	27.770	30.178	32.555	37.222	32.69	.076	1443.4	177
200	-1.774	-1.778	.268	34.488	27.783	30.190	32.568	37.236	31.37	.084	1443.6	202
225	-1.812	-1.817	.250	34.501	27.794	30.202	32.581	37.250	30.14	.092	1443.9	227
250	-1.833	-1.838	.249	34.511	27.803	30.211	32.590	37.260	29.15	.099	1444.2	253
275	-1.858	-1.864	.243	34.522	27.812	30.221	32.600	37.271	28.12	.106	1444.5	278
300	-1.847	-1.854	.273	34.533	27.821	30.230	32.609	37.279	27.10	.113	1445.0	303
325	-1.871	-1.879	.269	34.541	27.828	30.237	32.616	37.287	26.29	.120	1445.3	328
350	-1.877	-1.885	.282	34.544	27.831	30.240	32.620	37.291	25.86	.126	1445.7	354
375	-1.884	-1.892	.295	34.549	27.835	30.244	32.624	37.295	25.33	.133	1446.1	379
400	-1.887	-1.896	.311	34.551	27.836	30.246	32.625	37.297	25.02	.139	1446.5	404
425	-1.888	-1.899	.328	34.558	27.842	30.251	32.631	37.302	24.38	.145	1446.9	430
450	-1.896	-1.907	.340	34.562	27.845	30.255	32.635	37.306	23.88	.151	1447.3	455
475	-1.896	-1.908	.359	34.569	27.851	30.261	32.641	37.312	23.15	.157	1447.8	480
500	-1.913	-1.926	.362	34.583	27.863	30.273	32.653	37.325	21.91	.163	1448.1	505
534	-1.918	-1.931	.384	34.598	27.875	30.285	32.665	37.337	20.54	.170	1448.7	540



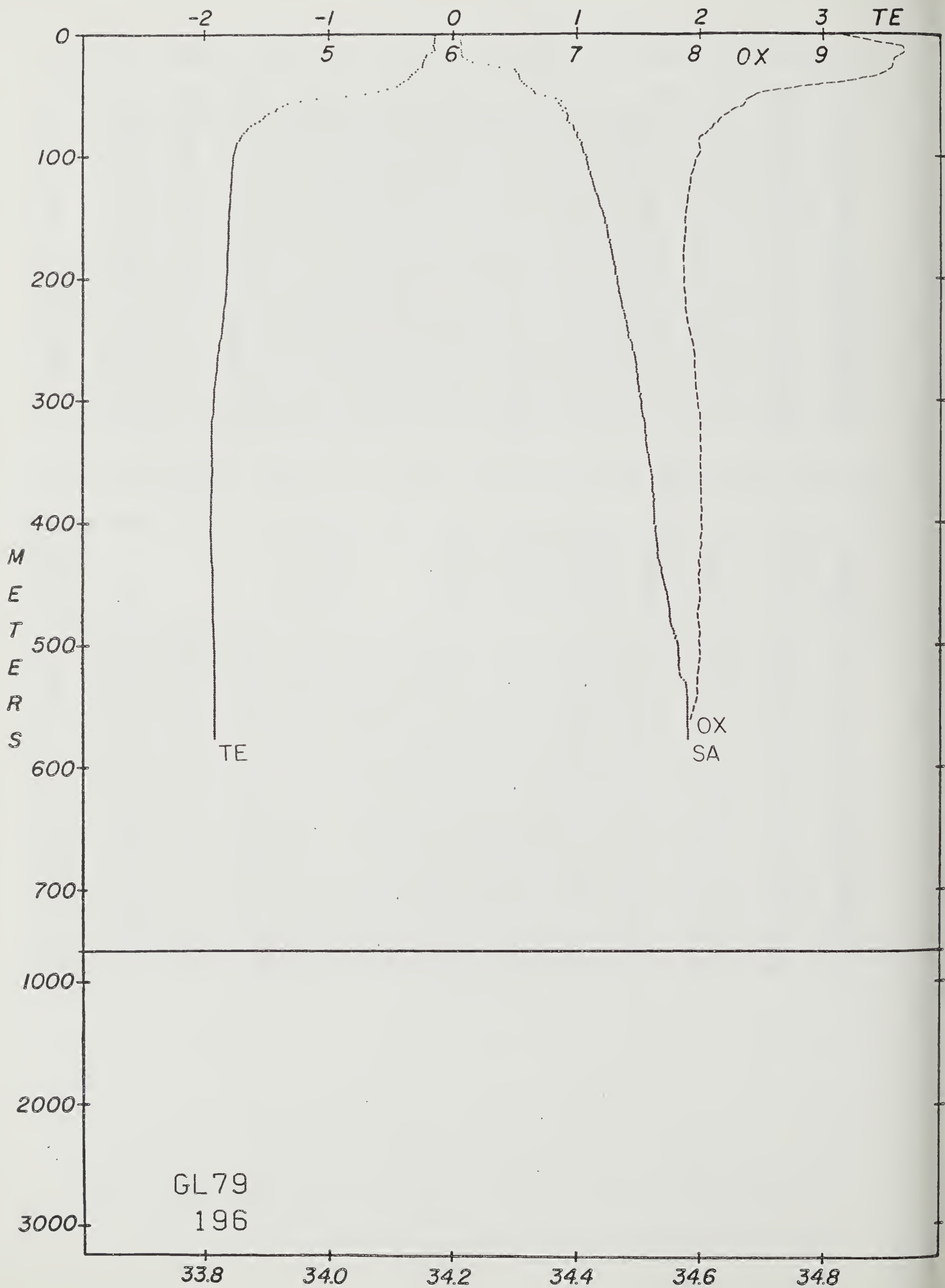
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
67 16.6S 146 58.8E 537 499 985.4 100 14 -0.5 2 0 0 1905 1JAN79 GL 79 1 195

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.561	-1.561	1.305	34.063	27.397	29.788	32.149	36.784	69.03	0.000	1445.4	0
10	-1.554	-1.554	1.320	34.064	27.398	29.788	32.149	36.784	68.95	.007	1445.6	10
20	-1.239	-1.239	.654	34.276	27.595	29.995	32.365	37.019	50.22	.013	1442.9	20
30	-1.560	-1.560	.346	34.363	27.675	30.080	32.455	37.118	42.55	.017	1441.7	30
40	-1.615	-1.616	.299	34.380	27.690	30.096	32.472	37.136	41.03	.022	1441.6	40
50	-1.659	-1.660	.264	34.392	27.702	30.108	32.485	37.150	39.90	.026	1441.6	50
60	-1.737	-1.738	.194	34.400	27.710	30.118	32.495	37.163	39.02	.030	1441.4	61
70	-1.752	-1.754	.186	34.407	27.716	30.123	32.501	37.170	38.45	.034	1441.5	71
80	-1.759	-1.760	.188	34.409	27.718	30.126	32.504	37.172	38.15	.037	1441.6	81
90	-1.766	-1.768	.188	34.413	27.722	30.130	32.508	37.176	37.77	.041	1441.8	91
100	-1.749	-1.751	.214	34.420	27.727	30.135	32.512	37.180	37.22	.045	1442.0	101
125	-1.730	-1.733	.252	34.431	27.735	30.142	32.520	37.187	36.33	.054	1442.5	126
150	-1.734	-1.738	.267	34.443	27.745	30.153	32.530	37.197	35.21	.063	1442.9	152
175	-1.715	-1.719	.305	34.446	27.747	30.154	32.532	37.198	34.89	.072	1443.4	177
200	-1.773	-1.777	.268	34.458	27.758	30.166	32.544	37.212	33.71	.080	1443.6	202
225	-1.754	-1.759	.306	34.470	27.767	30.175	32.552	37.220	32.70	.089	1444.1	227
250	-1.733	-1.739	.347	34.485	27.779	30.186	32.564	37.231	31.45	.097	1444.7	253
275	-1.792	-1.798	.308	34.503	27.795	30.203	32.581	37.250	29.78	.104	1444.8	278
300	-1.857	-1.864	.262	34.512	27.804	30.213	32.593	37.263	28.66	.112	1444.9	303
325	-1.872	-1.879	.267	34.524	27.814	30.223	32.603	37.274	27.62	.119	1445.3	328
350	-1.894	-1.902	.265	34.542	27.829	30.239	32.619	37.290	25.98	.125	1445.6	354
375	-1.920	-1.929	.259	34.561	27.845	30.255	32.635	37.307	24.32	.132	1446.0	379
400	-1.920	-1.930	.278	34.567	27.850	30.260	32.640	37.312	23.69	.138	1446.4	404
425	-1.923	-1.933	.295	34.580	27.861	30.271	32.651	37.323	22.52	.143	1446.8	430
450	-1.923	-1.934	.314	34.588	27.867	30.277	32.657	37.329	21.78	.149	1447.2	455
475	-1.922	-1.934	.335	34.596	27.873	30.283	32.663	37.335	21.05	.154	1447.7	480
491	-1.923	-1.935	.347	34.597	27.875	30.285	32.665	37.337	20.85	.158	1447.9	497

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
67 16.6S 146 58.8E 537 499 985.1 110 12 -0.3 2 0 0 1935 1JAN79 GL 79 2 195

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.61	-0.61	1.26	34.097	27.43	29.82		67	1.46			B	0	195
8	-0.61	-0.61	1.26	34.074	27.41	29.80		65	1.43				2	195
24	-1.06	-1.06	0.83	34.249	27.57	29.96		72	2.16				2	195
86	-1.75	-1.75	0.20	34.414	27.72	30.13		81					2	195
243	-1.71	-1.72	0.36	34.478	27.77	30.18		76	2.50			D4	2	195
328	-1.87	-1.88	0.27	34.526	27.82	30.23		76	2.52			D4	2	195
490	-1.92	-1.93	0.35	34.597	27.87	30.28		75	2.22				2	195

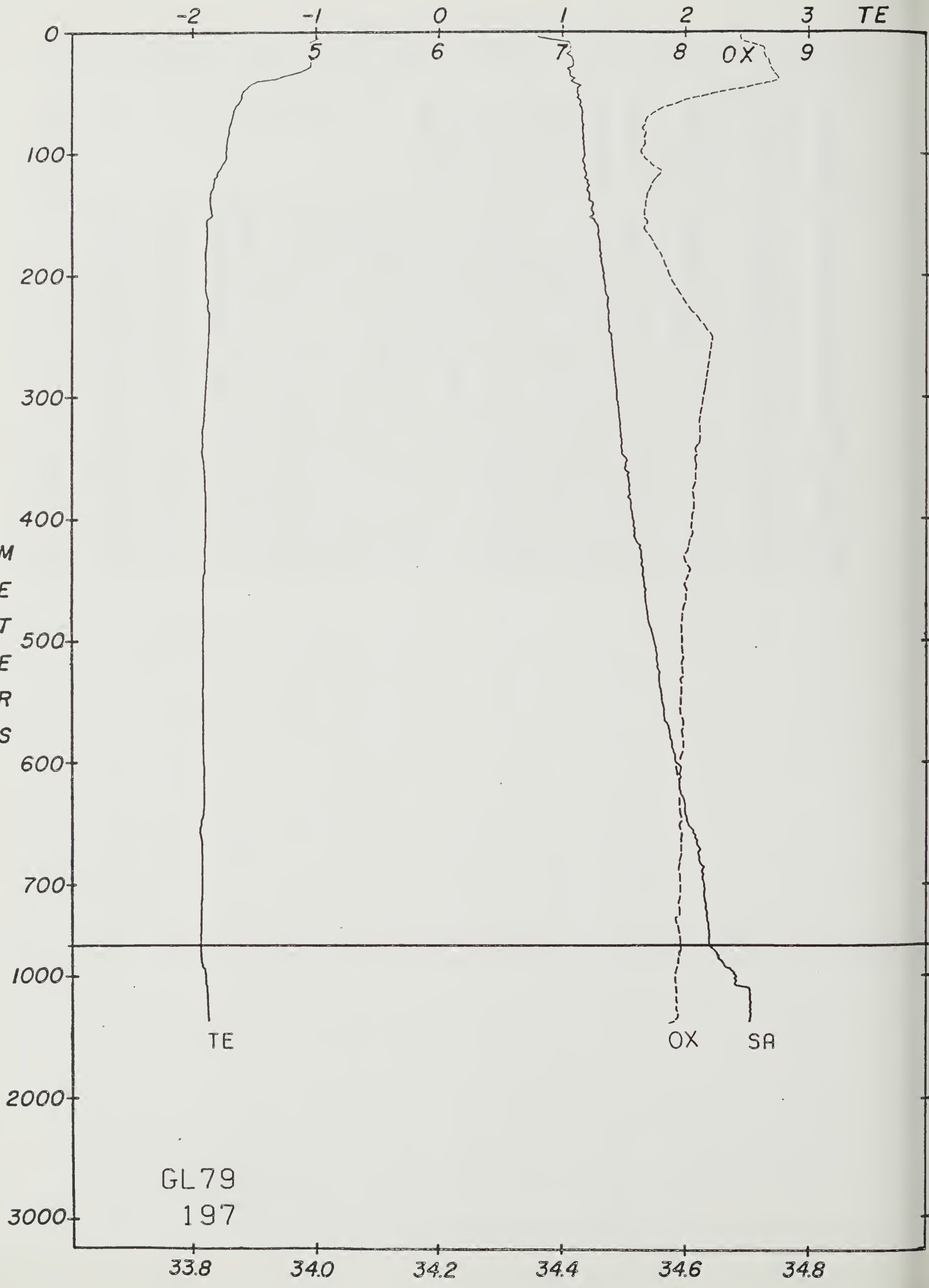
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.613	-1.613	1.253	34.065	27.401	29.793	32.154	36.791	68.67	0.000	1445.2	0
10	-1.609	-1.609	1.265	34.065	27.401	29.793	32.154	36.791	68.62	.007	1445.4	10
20	-1.828	-1.829	1.057	34.146	27.475	29.869	32.234	36.876	61.60	.013	1444.6	20
30	-1.423	-1.424	.462	34.349	27.660	30.063	32.436	37.095	43.98	.019	1442.3	30
40	-1.664	-1.665	.251	34.387	27.698	30.104	32.481	37.147	40.34	.023	1441.4	40
50	-1.710	-1.711	.213	34.395	27.705	30.113	32.490	37.157	39.56	.027	1441.3	50
60	-1.737	-1.738	.194	34.402	27.712	30.119	32.497	37.165	38.90	.031	1441.4	61
70	-1.747	-1.748	.192	34.406	27.715	30.123	32.500	37.169	38.53	.035	1441.5	71
80	-1.748	-1.749	.199	34.412	27.720	30.128	32.506	37.174	37.97	.038	1441.7	81
90	-1.748	-1.750	.207	34.418	27.725	30.132	32.510	37.178	37.49	.042	1441.8	91
100	-1.751	-1.753	.211	34.418	27.725	30.133	32.511	37.179	37.39	.046	1442.0	101
125	-1.737	-1.739	.245	34.427	27.732	30.139	32.517	37.184	36.63	.055	1442.5	126
150	-1.750	-1.753	.251	34.432	27.736	30.144	32.522	37.190	36.03	.064	1442.9	152
175	-1.743	-1.747	.278	34.447	27.748	30.156	32.533	37.201	34.78	.073	1443.3	177
200	-1.740	-1.745	.300	34.458	27.758	30.165	32.543	37.210	33.75	.082	1443.8	202
225	-1.770	-1.775	.290	34.464	27.763	30.171	32.549	37.218	33.07	.090	1444.0	227
250	-1.723	-1.729	.357	34.485	27.779	30.186	32.563	37.230	31.46	.098	1444.7	253
275	-1.781	-1.788	.318	34.499	27.791	30.199	32.577	37.246	30.12	.106	1444.9	278
300	-1.856	-1.863	.263	34.511	27.803	30.212	32.591	37.262	28.80	.113	1445.0	303
325	-1.873	-1.880	.266	34.526	27.816	30.225	32.604	37.276	27.42	.120	1445.3	328
350	-1.887	-1.895	.272	34.539	27.827	30.236	32.616	37.287	26.24	.127	1445.7	354
375	-1.892	-1.901	.266	34.553	27.838	30.247	32.627	37.299	25.02	.133	1446.1	379
400	-1.911	-1.921	.287	34.566	27.849	30.259	32.639	37.311	23.82	.139	1446.4	404
425	-1.923	-1.933	.295	34.580	27.860	30.271	32.650	37.323	22.57	.145	1446.8	430
450	-1.923	-1.934	.315	34.592	27.870	30.281	32.660	37.333	21.48	.151	1447.2	455
475	-1.923	-1.934	.334	34.593	27.871	30.281	32.661	37.333	21.25	.156	1447.7	480
486	-1.921	-1.933	.344	34.592	27.870	30.281	32.660	37.333	21.27	.159	1447.9	492



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67 33.6S	147 0.3E	537	580	983.8	170	9	-0.1	0	6100	4	2322	1JAN79	GL	79	2	196

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.14	-0.14	1.74	34.260	27.54	29.92		61	1.42			B	0	196
9	-0.15	-0.15	1.73	34.225	27.51	29.89							2	196
28	-0.25	-0.25	1.65	34.280	27.56	29.94							2	196
54	-1.19	-1.19	0.73	34.371	27.67	30.07							2	196
96	-1.75	-1.75	0.21	34.413	27.72	30.13							2	196
252	-1.87	-1.88	0.21	34.491	27.79	30.20							2	196
570	-1.91	-1.92	0.42	34.582	27.86	30.27							2	196

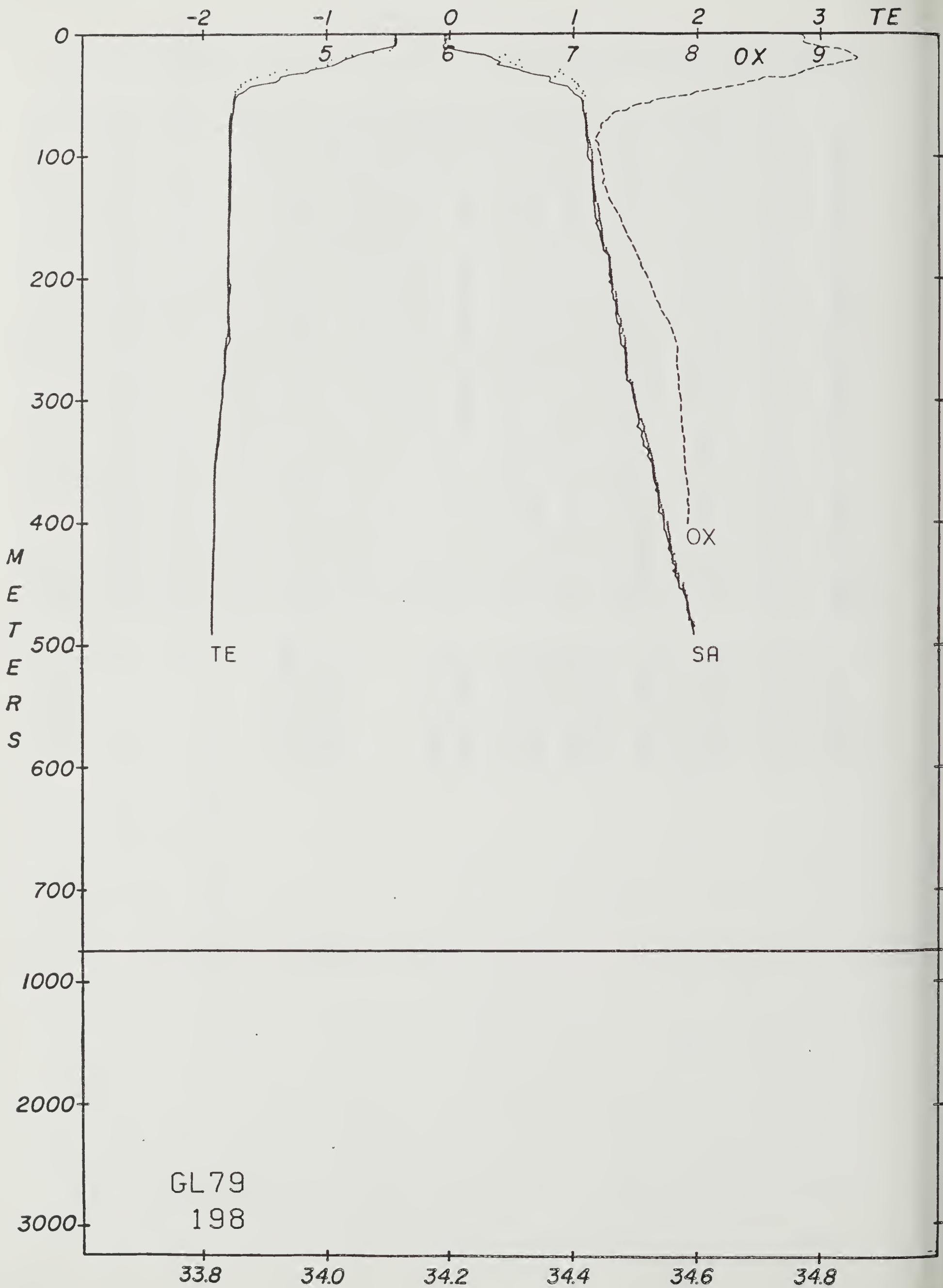
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.140	-1.140	1.735	34.217	27.502	29.886	32.240	36.861	59.07	0.000	1447.6	0
10	-1.148	-1.149	1.734	34.214	27.500	29.884	32.238	36.860	59.26	.006	1447.7	10
20	-1.220	-1.221	1.670	34.219	27.507	29.892	32.248	36.871	58.54	.012	1447.5	20
30	-1.281	-1.282	1.621	34.298	27.575	29.960	32.316	36.941	52.17	.017	1447.5	30
40	-1.406	-1.407	1.509	34.314	27.593	29.980	32.338	36.967	50.38	.022	1447.1	40
50	-1.754	-1.756	1.166	34.341	27.630	30.022	32.385	37.024	46.82	.027	1445.7	50
60	-1.383	-1.385	.546	34.378	27.682	30.084	32.456	37.113	41.78	.032	1443.0	61
70	-1.539	-1.540	.399	34.387	27.694	30.098	32.473	37.135	40.57	.036	1442.5	71
80	-1.666	-1.668	.279	34.399	27.707	30.114	32.490	37.156	39.22	.040	1442.0	81
90	-1.735	-1.737	.218	34.408	27.717	30.124	32.502	37.170	38.23	.044	1441.9	91
100	-1.764	-1.766	.198	34.416	27.723	30.131	32.509	37.178	37.54	.048	1441.9	101
125	-1.781	-1.784	.200	34.429	27.735	30.143	32.521	37.190	36.31	.057	1442.3	126
150	-1.798	-1.801	.204	34.446	27.749	30.157	32.536	37.205	34.83	.066	1442.6	152
175	-1.807	-1.811	.214	34.457	27.758	30.167	32.545	37.215	33.80	.074	1443.0	177
200	-1.814	-1.819	.226	34.467	27.766	30.175	32.553	37.223	32.91	.083	1443.4	202
225	-1.836	-1.842	.224	34.477	27.775	30.184	32.563	37.233	31.90	.091	1443.7	227
250	-1.868	-1.873	.212	34.489	27.785	30.195	32.574	37.245	30.74	.099	1444.0	253
275	-1.895	-1.901	.204	34.499	27.795	30.204	32.584	37.256	29.70	.106	1444.3	278
300	-1.919	-1.925	.200	34.507	27.801	30.212	32.592	37.264	28.89	.113	1444.6	303
325	-1.936	-1.944	.202	34.513	27.807	30.217	32.598	37.271	28.19	.121	1445.0	328
350	-1.933	-1.941	.225	34.521	27.813	30.223	32.604	37.276	27.49	.127	1445.4	354
375	-1.939	-1.948	.238	34.527	27.818	30.229	32.609	37.282	26.85	.134	1445.8	379
400	-1.944	-1.954	.252	34.530	27.821	30.231	32.612	37.285	26.41	.141	1446.2	404
425	-1.937	-1.947	.278	34.535	27.824	30.235	32.615	37.288	25.96	.147	1446.7	430
450	-1.928	-1.939	.307	34.546	27.834	30.244	32.624	37.297	24.94	.154	1447.2	455
475	-1.927	-1.939	.327	34.554	27.840	30.250	32.630	37.303	24.21	.160	1447.6	480
500	-1.916	-1.929	.358	34.567	27.850	30.260	32.640	37.312	23.11	.166	1448.1	506
550	-1.912	-1.926	.401	34.582	27.862	30.272	32.652	37.324	21.66	.177	1449.0	556
571	-1.912	-1.927	.417	34.583	27.863	30.273	32.653	37.325	21.48	.182	1449.3	578



LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 67 42.3S 146 54.5E 537 1380 982.0 170 3 3.0 0 1700 0 413 2JAN79 GL 79 1 197

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.954	-1.954	.929	34.359	27.652	30.048	32.413	37.058	44.89	0.000	1444.0	0
10	-1.037	-1.038	.856	34.413	27.699	30.095	32.462	37.108	40.45	.004	1443.9	10
20	-1.044	-1.045	.857	34.416	27.702	30.098	32.465	37.112	40.13	.008	1444.0	20
30	-1.090	-1.091	.819	34.412	27.700	30.097	32.465	37.113	40.26	.012	1443.9	30
40	-1.474	-1.475	.443	34.418	27.717	30.121	32.494	37.153	38.54	.016	1442.3	40
50	-1.601	-1.602	.324	34.425	27.727	30.132	32.508	37.171	37.52	.020	1441.9	50
60	-1.649	-1.650	.283	34.430	27.732	30.138	32.514	37.179	36.98	.024	1441.8	61
70	-1.682	-1.684	.258	34.432	27.735	30.142	32.518	37.184	36.67	.027	1441.8	71
80	-1.707	-1.709	.240	34.434	27.737	30.144	32.521	37.187	36.44	.031	1441.9	81
90	-1.723	-1.725	.232	34.434	27.738	30.145	32.522	37.189	36.27	.035	1442.0	91
100	-1.726	-1.728	.238	34.436	27.739	30.146	32.523	37.191	36.09	.038	1442.1	101
125	-1.833	-1.836	.149	34.443	27.747	30.156	32.535	37.206	35.11	.047	1442.1	126
150	-1.856	-1.859	.146	34.449	27.753	30.162	32.542	37.213	34.40	.056	1442.4	152
175	-1.892	-1.896	.130	34.461	27.763	30.173	32.553	37.225	33.26	.064	1442.6	177
200	-1.894	-1.898	.147	34.468	27.769	30.179	32.559	37.231	32.58	.073	1443.0	202
225	-1.877	-1.882	.183	34.474	27.774	30.184	32.563	37.235	31.97	.081	1443.6	227
250	-1.870	-1.876	.209	34.480	27.779	30.188	32.568	37.239	31.39	.089	1444.0	253
275	-1.885	-1.891	.214	34.485	27.783	30.193	32.573	37.244	30.80	.096	1444.4	278
300	-1.900	-1.907	.218	34.490	27.787	30.197	32.577	37.249	30.23	.104	1444.7	303
325	-1.921	-1.928	.216	34.495	27.792	30.202	32.583	37.255	29.62	.112	1445.0	328
350	-1.908	-1.916	.249	34.504	27.799	30.209	32.589	37.261	28.82	.119	1445.5	354
375	-1.896	-1.905	.280	34.511	27.804	30.214	32.593	37.265	28.23	.126	1446.0	379
400	-1.894	-1.903	.302	34.517	27.809	30.219	32.599	37.271	27.58	.133	1446.4	404
425	-1.899	-1.909	.316	34.529	27.819	30.229	32.608	37.280	26.52	.140	1446.9	430
450	-1.915	-1.926	.319	34.534	27.823	30.233	32.613	37.286	25.95	.146	1447.2	455
475	-1.914	-1.926	.339	34.540	27.828	30.238	32.618	37.290	25.34	.153	1447.6	480
500	-1.917	-1.929	.356	34.553	27.838	30.249	32.629	37.301	24.19	.159	1448.1	506
550	-1.917	-1.930	.396	34.565	27.849	30.259	32.639	37.311	22.93	.171	1448.9	556
600	-1.909	-1.924	.443	34.592	27.870	30.280	32.660	37.332	20.62	.182	1449.8	607
650	-1.941	-1.958	.450	34.614	27.888	30.299	32.679	37.352	18.58	.191	1450.5	657
700	-1.923	-1.942	.507	34.631	27.902	30.312	32.692	37.364	17.04	.200	1451.5	708
750	-1.936	-1.956	.532	34.644	27.913	30.324	32.704	37.376	15.70	.208	1452.3	759
800	-1.934	-1.956	.573	34.651	27.919	30.329	32.709	37.381	14.90	.216	1453.1	809
850	-1.932	-1.956	.613	34.656	27.922	30.333	32.713	37.385	14.27	.223	1454.0	860
900	-1.924	-1.950	.660	34.663	27.928	30.339	32.719	37.390	13.43	.230	1454.9	911
950	-1.899	-1.927	.723	34.678	27.939	30.349	32.729	37.400	12.20	.237	1455.9	962
1000	-1.894	-1.924	.767	34.683	27.944	30.354	32.733	37.404	11.54	.243	1456.7	1012
1100	-1.883	-1.917	.855	34.704	27.961	30.371	32.750	37.420	9.44	.253	1458.5	1114
1200	-1.878	-1.917	.935	34.706	27.962	30.372	32.751	37.422	8.77	.262	1460.2	1215
1300	-1.874	-1.917	1.015	34.707	27.963	30.373	32.752	37.422	8.21	.271	1461.9	1317
1360	-1.869	-1.915	1.066	34.705	27.961	30.371	32.750	37.421	8.07	.276	1463.0	1378

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.96	-0.96	0.93	34.394	27.68	30.08		72	1.88				0	197
17	-1.03	-1.03	0.87	34.397	27.69	30.08		72	1.77				0	197
35	-1.61	-1.61	0.32	34.434	27.73	30.14		74	2.25				0	197
103	-1.74	-1.74	0.23	34.445	27.75	30.15		74	2.30				0	197
365	-1.90	-1.91	0.27	34.507	27.80	30.21		74	2.32				0	197
651	-1.93	-1.95	0.46	34.611	27.89	30.30		75	2.28				0	197
747	-1.93	-1.95	0.54	34.646	27.91	30.32		75	2.29				0	197
973	-1.90	-1.93	0.74	34.681	27.94	30.35		86	2.39			D3	0	197
1242	-1.88	-1.92	0.97	34.707	27.96	30.37		75	2.13				0	197



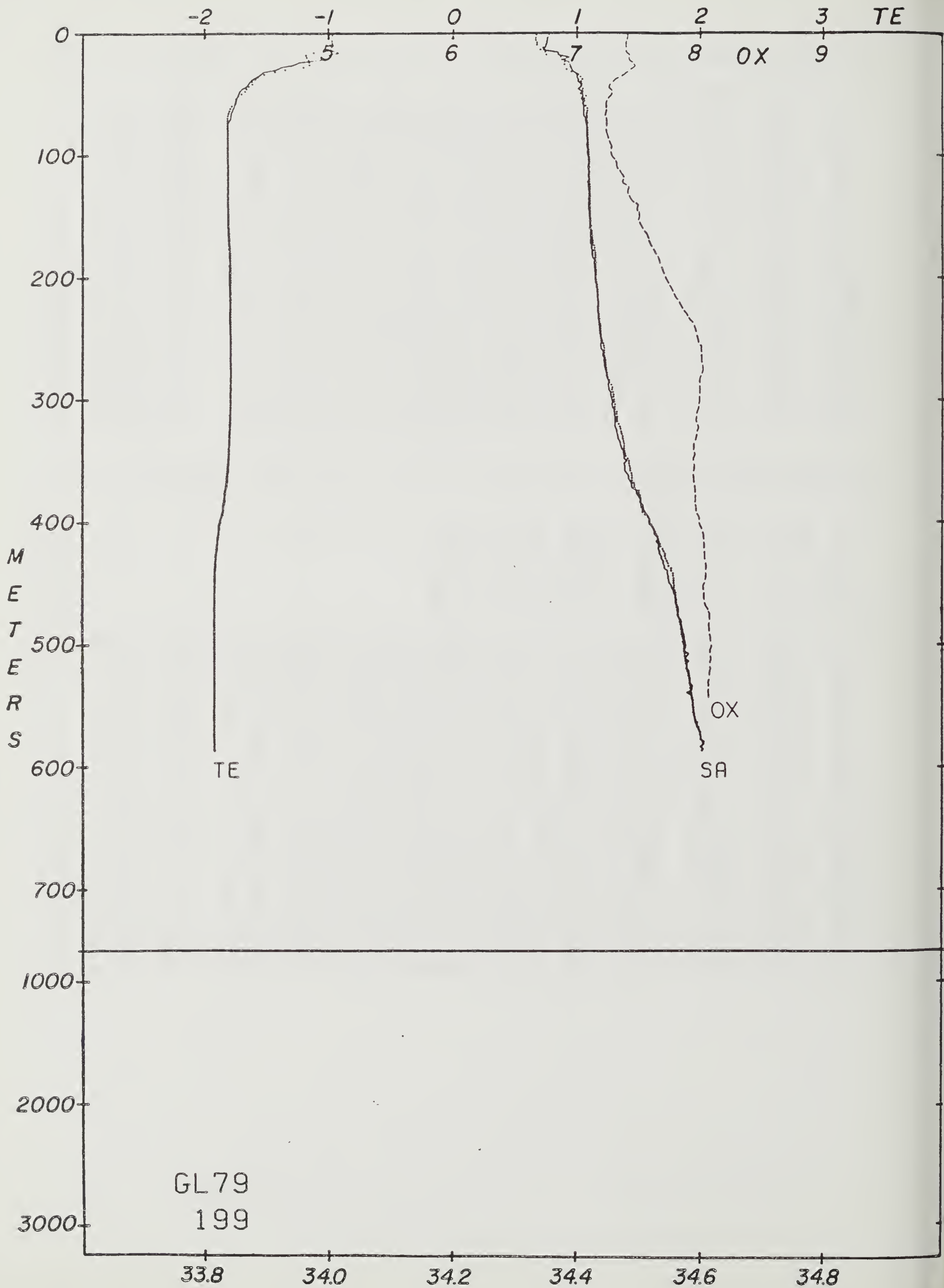
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67 36.0S	148 15.0E	537	494	983.1	280	3	0.6	0	1900	0	1349	2JAN79	GL	79	1	198	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.429	-1.429	1.444	34.194	27.497	29.885	32.244	36.874	59.55	0.000	1446.2	0
10	-1.446	-1.447	1.434	34.192	27.496	29.885	32.243	36.874	59.64	0.006	1446.3	10
20	-1.808	-1.808	1.085	34.267	27.572	29.966	32.330	36.971	52.38	0.012	1444.9	20
30	-1.125	-1.126	.777	34.309	27.618	30.016	32.385	37.035	48.01	0.017	1443.6	30
40	-1.453	-1.454	.461	34.367	27.675	30.079	32.452	37.111	42.48	0.021	1442.3	40
50	-1.704	-1.705	.219	34.403	27.712	30.119	32.496	37.163	38.94	0.025	1441.4	50
60	-1.744	-1.745	.188	34.417	27.724	30.132	32.509	37.177	37.74	0.029	1441.4	61
70	-1.759	-1.761	.180	34.420	27.727	30.135	32.513	37.181	37.37	0.033	1441.5	71
80	-1.764	-1.766	.183	34.421	27.728	30.136	32.514	37.182	37.22	0.036	1441.6	81
90	-1.768	-1.770	.187	34.424	27.730	30.138	32.516	37.185	36.95	0.040	1441.8	91
100	-1.775	-1.777	.188	34.425	27.731	30.139	32.518	37.186	36.79	0.044	1441.9	101
125	-1.768	-1.770	.214	34.433	27.738	30.146	32.524	37.192	36.05	0.053	1442.4	126
150	-1.780	-1.784	.221	34.438	27.742	30.150	32.529	37.197	35.48	0.062	1442.7	152
175	-1.786	-1.790	.235	34.450	27.752	30.160	32.538	37.207	34.40	0.071	1443.1	177
200	-1.780	-1.785	.260	34.461	27.761	30.169	32.547	37.216	33.40	0.079	1443.6	202
225	-1.788	-1.793	.272	34.471	27.769	30.177	32.555	37.224	32.53	0.087	1444.0	227
250	-1.778	-1.784	.302	34.478	27.775	30.183	32.561	37.229	31.82	0.095	1444.4	253
275	-1.813	-1.819	.286	34.487	27.783	30.191	32.570	37.239	30.89	0.103	1444.7	278
300	-1.841	-1.848	.278	34.502	27.796	30.205	32.584	37.254	29.50	0.111	1445.0	303
325	-1.854	-1.861	.284	34.512	27.804	30.213	32.592	37.263	28.54	0.118	1445.4	328
350	-1.891	-1.899	.268	34.531	27.820	30.230	32.609	37.281	26.88	0.125	1445.6	354
375	-1.898	-1.907	.279	34.540	27.828	30.237	32.617	37.289	25.98	0.132	1446.0	379
400	-1.897	-1.906	.301	34.549	27.835	30.245	32.625	37.296	25.14	0.139	1446.5	404
425	-1.905	-1.915	.312	34.563	27.846	30.256	32.636	37.308	23.91	0.144	1446.9	430
450	-1.912	-1.923	.325	34.576	27.858	30.268	32.647	37.319	22.71	0.150	1447.3	455
475	-1.918	-1.929	.339	34.593	27.871	30.281	32.661	37.333	21.26	0.155	1447.7	480
486	-1.917	-1.928	.349	34.597	27.874	30.284	32.664	37.336	20.91	0.158	1447.9	492

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67 36.0S	148 15.0E	537	494	983.1	290	2	0.6	0	0	0	1410	2JAN79	GL	79	2	198	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.44	-0.44	1.44	34.223	27.52	29.91		70	1.50			B	0	198
14	-0.69	-0.69	1.20	34.239	27.54	29.94							2	198
29	-1.13	-1.13	0.77	34.328	27.63	30.03							2	198
65	-1.75	-1.75	0.19	34.416	27.72	30.13						E1	2	198
174	-1.79	-1.79	0.23	34.453	27.75	30.16						E1	2	198
277	-1.82	-1.83	0.28	34.491	27.79	30.19							2	198
476	-1.92	-1.93	0.34	34.590	27.87	30.28							2	198

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.436	-1.436	1.437	34.196	27.499	29.887	32.246	36.876	59.37	0.000	1446.2	0
10	-1.449	-1.449	1.432	34.198	27.501	29.890	32.248	36.879	59.16	0.006	1446.3	10
20	-1.851	-1.852	1.043	34.285	27.588	29.982	32.347	36.989	50.88	0.011	1444.7	20
30	-1.289	-1.290	.616	34.359	27.664	30.064	32.435	37.090	43.66	0.016	1442.9	30
40	-1.655	-1.656	.261	34.405	27.712	30.119	32.495	37.160	38.98	0.020	1441.4	40
50	-1.737	-1.738	.187	34.416	27.723	30.130	32.508	37.176	37.89	0.024	1441.2	50
60	-1.748	-1.749	.184	34.416	27.723	30.131	32.509	37.177	37.78	0.028	1441.3	61
70	-1.776	-1.778	.163	34.422	27.729	30.137	32.516	37.184	37.17	0.032	1441.4	71
80	-1.781	-1.782	.166	34.424	27.731	30.139	32.517	37.186	36.96	0.035	1441.5	81
90	-1.779	-1.781	.176	34.428	27.734	30.142	32.521	37.189	36.60	0.039	1441.7	91
100	-1.776	-1.778	.187	34.432	27.737	30.145	32.523	37.192	36.27	0.043	1441.9	101
125	-1.782	-1.785	.200	34.435	27.740	30.148	32.526	37.195	35.84	0.052	1442.3	126
150	-1.784	-1.787	.217	34.444	27.747	30.155	32.533	37.202	35.02	0.061	1442.7	152
175	-1.784	-1.788	.237	34.455	27.756	30.164	32.542	37.211	34.05	0.069	1443.1	177
200	-1.790	-1.794	.251	34.464	27.763	30.172	32.550	37.219	33.17	0.078	1443.5	202
225	-1.788	-1.793	.272	34.473	27.771	30.179	32.557	37.226	32.32	0.086	1444.0	227
250	-1.804	-1.810	.276	34.486	27.782	30.190	32.568	37.238	31.14	0.094	1444.3	253
275	-1.816	-1.822	.283	34.489	27.784	30.193	32.571	37.241	30.76	0.101	1444.7	278
300	-1.838	-1.845	.280	34.503	27.796	30.205	32.584	37.255	29.44	0.109	1445.0	303
325	-1.867	-1.875	.272	34.518	27.809	30.219	32.598	37.269	28.05	0.116	1445.3	328
350	-1.893	-1.901	.266	34.532	27.821	30.231	32.610	37.282	26.79	0.123	1445.6	354
375	-1.898	-1.907	.279	34.541	27.828	30.238	32.618	37.290	25.90	0.130	1446.0	379
400	-1.896	-1.906	.301	34.556	27.840	30.250	32.630	37.301	24.64	0.136	1446.5	404
425	-1.905	-1.915	.312	34.563	27.847	30.257	32.636	37.308	23.87	0.142	1446.9	430
450	-1.913	-1.924	.324	34.582	27.862	30.272	32.652	37.323	22.32	0.148	1447.3	455
475	-1.918	-1.929	.339	34.593	27.871	30.281	32.661	37.333	21.31	0.153	1447.7	480
479	-1.918	-1.930	.343	34.598	27.875	30.285	32.665	37.337	20.87	0.154	1447.8	485



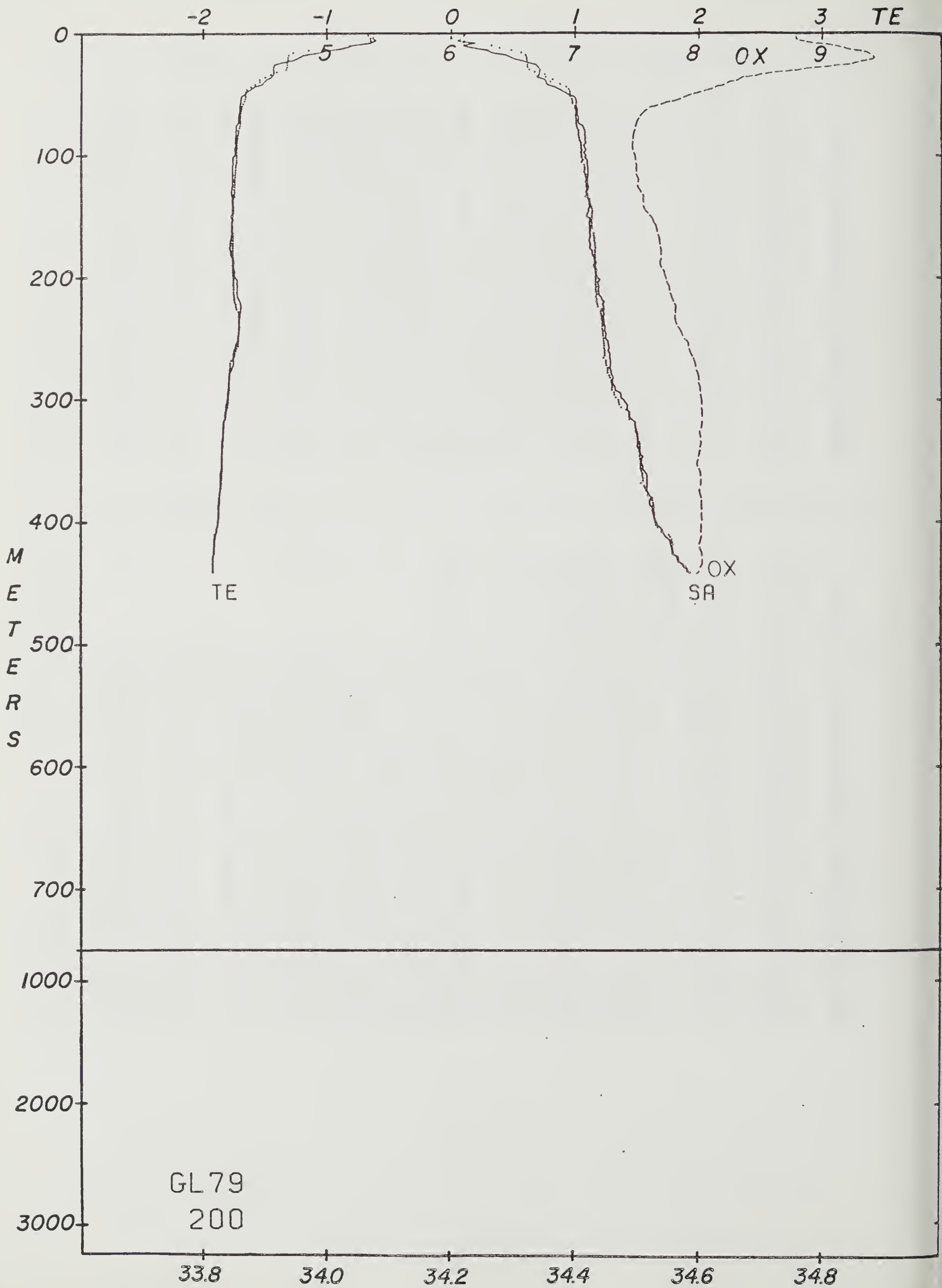
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67 23.1S	149 1.0E	537	589	987.1	290	3	1.1	0	3700	0	2025	2JAN79	GL	79	1	199	

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.975	-1.975	.908	34.354	27.649	30.045	32.411	37.055	45.20	0.000	1443.9	0
10	-1.974	-1.975	.915	34.349	27.645	30.041	32.407	37.052	45.53	.005	1444.1	10
20	-1.049	-1.050	.850	34.383	27.675	30.072	32.439	37.086	42.64	.009	1443.9	20
30	-1.456	-1.457	.451	34.392	27.695	30.099	32.472	37.131	40.63	.013	1442.2	30
40	-1.643	-1.644	.273	34.404	27.711	30.117	32.493	37.158	39.12	.017	1441.5	40
50	-1.733	-1.734	.190	34.408	27.717	30.124	32.502	37.169	38.47	.021	1441.2	50
60	-1.770	-1.772	.161	34.409	27.719	30.127	32.505	37.174	38.23	.025	1441.2	61
70	-1.802	-1.804	.136	34.412	27.722	30.130	32.509	37.179	37.88	.029	1441.2	71
80	-1.822	-1.824	.124	34.415	27.725	30.134	32.513	37.183	37.53	.032	1441.3	81
90	-1.822	-1.824	.132	34.416	27.725	30.134	32.513	37.183	37.43	.036	1441.5	91
100	-1.821	-1.823	.141	34.417	27.726	30.135	32.514	37.184	37.27	.040	1441.7	101
125	-1.822	-1.825	.159	34.420	27.728	30.138	32.516	37.187	36.89	.049	1442.1	126
150	-1.818	-1.821	.182	34.420	27.728	30.137	32.516	37.186	36.78	.058	1442.5	152
175	-1.811	-1.815	.208	34.423	27.731	30.139	32.518	37.188	36.38	.067	1443.0	177
200	-1.808	-1.812	.231	34.429	27.735	30.144	32.523	37.193	35.80	.077	1443.4	202
225	-1.804	-1.809	.254	34.433	27.739	30.148	32.526	37.196	35.33	.085	1443.8	227
250	-1.798	-1.804	.279	34.439	27.743	30.152	32.530	37.200	34.79	.094	1444.3	253
275	-1.796	-1.802	.301	34.447	27.750	30.158	32.537	37.206	34.00	.103	1444.7	278
300	-1.800	-1.807	.316	34.457	27.758	30.166	32.545	37.214	33.12	.111	1445.1	303
325	-1.804	-1.812	.331	34.466	27.765	30.174	32.552	37.222	32.26	.119	1445.5	328
350	-1.814	-1.823	.341	34.476	27.774	30.183	32.561	37.231	31.27	.127	1445.9	354
375	-1.845	-1.854	.331	34.500	27.794	30.204	32.562	37.253	29.19	.135	1446.2	379
400	-1.898	-1.908	.297	34.523	27.813	30.223	32.603	37.275	27.16	.142	1446.4	404
425	-1.919	-1.929	.297	34.536	27.825	30.235	32.615	37.288	25.89	.149	1446.8	430
450	-1.930	-1.940	.306	34.554	27.840	30.250	32.630	37.303	24.34	.155	1447.2	455
475	-1.934	-1.945	.321	34.567	27.851	30.261	32.641	37.314	23.18	.161	1447.6	480
500	-1.935	-1.947	.340	34.574	27.857	30.267	32.647	37.320	22.47	.166	1448.0	506
550	-1.935	-1.948	.379	34.589	27.868	30.278	32.659	37.331	21.09	.177	1448.9	556
580	-1.931	-1.945	.407	34.602	27.879	30.289	32.669	37.342	19.91	.184	1449.4	587

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
67 23.1S	149 1.0E	537	589	987.5	290	2	1.1	0	0	0	2052	2JAN79	GL	79	2	199	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.98	-0.98	0.90	34.335	27.63	30.03		63	2.36			B	0	199
4	-0.99	-0.99	0.89	34.338	27.64	30.03							2	199
10	-0.98	-0.98	0.91	34.341	27.64	30.03							2	199
26	-1.16	-1.16	0.74	34.380	27.68	30.08							2	199
59	-1.78	-1.78	0.15	34.412	27.72	30.13							2	199
369	-1.84	-1.85	0.33	34.493	27.79	30.20							2	199
581	-1.93	-1.94	0.41	34.603	27.88	30.29							2	199

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.977	-1.977	.904	34.331	27.630	30.026	32.393	37.038	46.96	0.000	1443.9	0
10	-1.978	-1.979	.911	34.337	27.635	30.031	32.397	37.042	46.49	.005	1444.0	10
20	-1.196	-1.197	.703	34.371	27.670	30.069	32.439	37.090	43.09	.009	1443.2	20
30	-1.364	-1.365	.543	34.386	27.688	30.090	32.462	37.118	41.31	.013	1442.6	30
40	-1.621	-1.622	.295	34.406	27.712	30.118	32.493	37.158	39.01	.017	1441.6	40
50	-1.716	-1.717	.208	34.408	27.716	30.123	32.501	37.168	38.52	.021	1441.3	50
60	-1.792	-1.793	.139	34.414	27.723	30.131	32.510	37.179	37.83	.025	1441.1	61
70	-1.824	-1.826	.115	34.415	27.724	30.133	32.512	37.183	37.61	.029	1441.1	71
80	-1.823	-1.825	.124	34.416	27.725	30.134	32.513	37.184	37.46	.033	1441.3	81
90	-1.823	-1.825	.131	34.417	27.726	30.135	32.514	37.185	37.31	.036	1441.5	91
100	-1.822	-1.824	.140	34.418	27.727	30.136	32.515	37.185	37.19	.040	1441.7	101
125	-1.820	-1.823	.161	34.420	27.728	30.137	32.516	37.186	36.90	.049	1442.1	126
150	-1.816	-1.819	.184	34.420	27.729	30.137	32.516	37.186	36.73	.059	1442.5	152
175	-1.803	-1.806	.217	34.428	27.734	30.143	32.522	37.191	35.05	.068	1443.0	177
200	-1.796	-1.801	.242	34.430	27.736	30.145	32.523	37.193	35.73	.077	1443.5	202
225	-1.799	-1.804	.258	34.434	27.739	30.148	32.527	37.196	35.27	.085	1443.9	227
250	-1.797	-1.803	.280	34.440	27.744	30.153	32.532	37.201	34.66	.094	1444.3	253
275	-1.797	-1.803	.300	34.448	27.750	30.159	32.537	37.206	33.97	.103	1444.7	278
300	-1.800	-1.807	.316	34.461	27.761	30.169	32.548	37.217	32.81	.111	1445.1	303
325	-1.810	-1.818	.326	34.473	27.771	30.180	32.558	37.228	31.72	.119	1445.5	328
350	-1.823	-1.831	.333	34.485	27.781	30.190	32.569	37.239	30.57	.127	1445.9	354
375	-1.852	-1.861	.323	34.502	27.795	30.205	32.584	37.255	29.06	.134	1446.2	379
400	-1.890	-1.900	.306	34.522	27.813	30.223	32.603	37.274	27.21	.141	1446.5	404
425	-1.924	-1.934	.292	34.543	27.831	30.241	32.621	37.294	25.34	.148	1446.8	430
450	-1.932	-1.943	.304	34.558	27.843	30.253	32.633	37.306	24.07	.154	1447.2	455
475	-1.932	-1.944	.323	34.565	27.849	30.259	32.640	37.312	23.33	.160	1447.6	480
500	-1.932	-1.944	.343	34.573	27.855	30.266	32.646	37.318	22.59	.166	1448.0	506
550	-1.935	-1.949	.378	34.589	27.868	30.278	32.659	37.331	21.10	.177	1448.9	556
580	-1.931	-1.945	.407	34.602	27.879	30.289	32.669	37.342	19.91	.183	1449.4	587



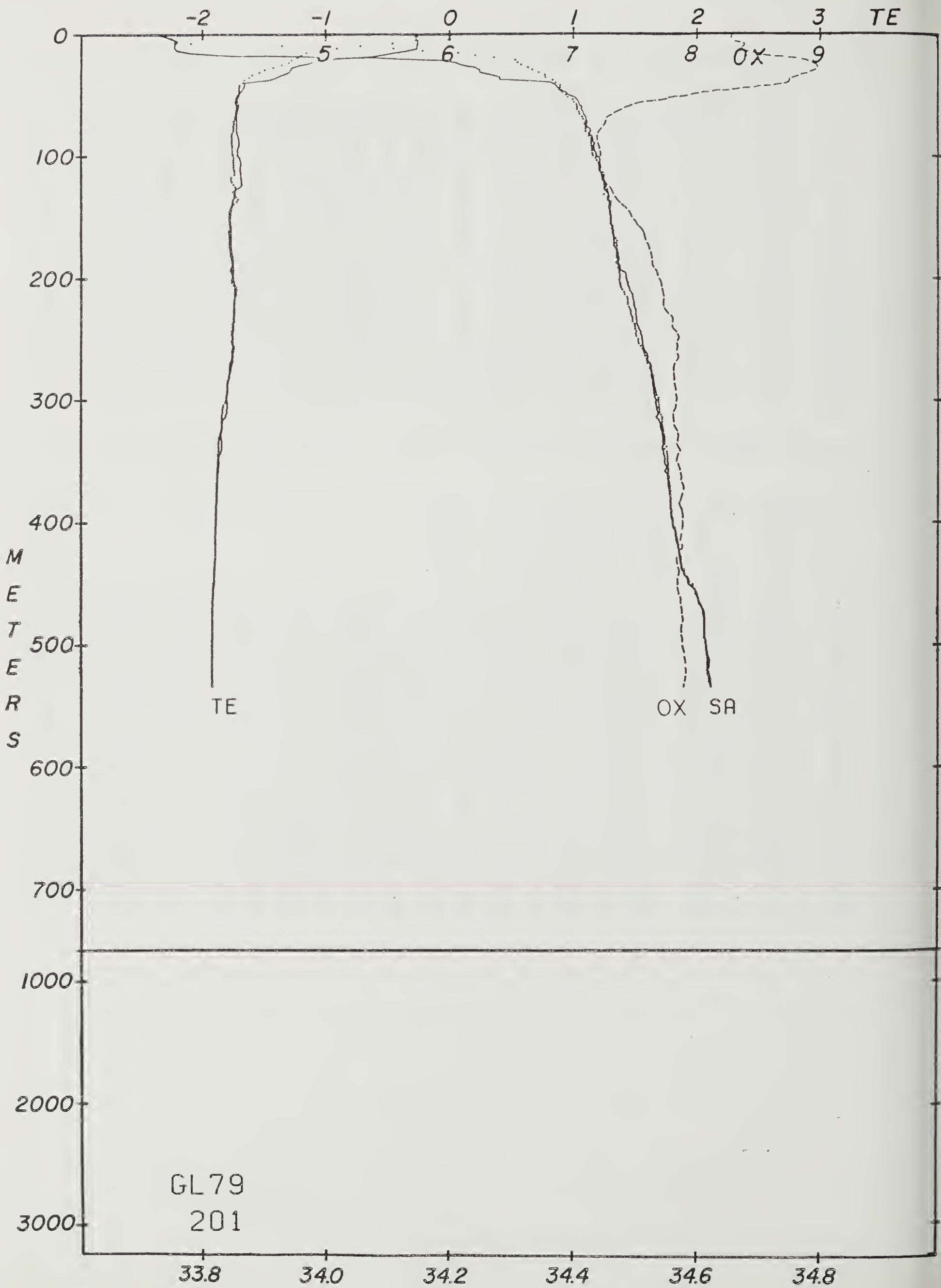
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
67 10.1S	148 13.7E	537	443	990.2	270	1	1.5	2		2	0	247	3JAN79	GL	79	1	200	

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.630	-1.630	1.245	34.220	27.527	29.918	32.279	36.915	56.75	0.000	1445.3	0
10	-1.767	-1.768	1.115	34.225	27.537	29.930	32.294	36.933	55.76	.006	1444.8	10
20	-1.230	-1.231	.664	34.298	27.612	30.012	32.383	37.036	48.56	.011	1443.0	20
30	-1.432	-1.433	.473	34.343	27.655	30.058	32.431	37.090	44.47	.015	1442.2	30
40	-1.505	-1.506	.408	34.354	27.666	30.070	32.444	37.106	43.36	.020	1442.1	40
50	-1.670	-1.671	.253	34.392	27.701	30.108	32.485	37.150	39.93	.024	1441.5	50
60	-1.705	-1.706	.226	34.403	27.712	30.119	32.496	37.163	38.91	.028	1441.5	61
70	-1.716	-1.717	.223	34.406	27.714	30.122	32.499	37.166	38.60	.032	1441.6	71
80	-1.736	-1.738	.210	34.415	27.722	30.130	32.507	37.175	37.77	.036	1441.7	81
90	-1.739	-1.741	.215	34.416	27.723	30.130	32.508	37.176	37.67	.039	1441.9	91
100	-1.751	-1.753	.211	34.417	27.724	30.132	32.510	37.178	37.49	.043	1442.0	101
125	-1.767	-1.770	.214	34.421	27.728	30.136	32.514	37.183	36.95	.053	1442.3	126
150	-1.767	-1.770	.234	34.422	27.729	30.137	32.515	37.184	36.74	.062	1442.8	152
175	-1.782	-1.785	.238	34.427	27.733	30.141	32.519	37.189	36.20	.071	1443.1	177
200	-1.728	-1.733	.311	34.438	27.741	30.149	32.526	37.193	35.32	.080	1443.8	202
225	-1.696	-1.701	.362	34.446	27.746	30.153	32.530	37.196	34.68	.089	1444.4	227
250	-1.724	-1.730	.354	34.453	27.753	30.160	32.537	37.204	33.95	.097	1444.7	253
275	-1.794	-1.791	.313	34.460	27.760	30.168	32.546	37.215	33.08	.105	1444.8	278
300	-1.811	-1.818	.306	34.484	27.780	30.189	32.567	37.237	30.99	.114	1445.1	303
325	-1.837	-1.845	.300	34.501	27.795	30.204	32.583	37.253	29.45	.121	1445.4	328
350	-1.850	-1.858	.307	34.509	27.802	30.211	32.590	37.260	28.64	.128	1445.8	354
375	-1.868	-1.877	.308	34.522	27.813	30.222	32.601	37.272	27.43	.135	1446.2	379
400	-1.888	-1.897	.309	34.538	27.826	30.236	32.615	37.287	25.98	.142	1446.5	404
425	-1.919	-1.930	.298	34.567	27.850	30.261	32.640	37.313	23.53	.148	1446.8	430
436	-1.921	-1.932	.306	34.587	27.866	30.277	32.656	37.328	21.95	.151	1447.0	441

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
67 10.1S	148 13.7E	537	443	990.5	270	1	1.1	2		0	0	307	3JAN79	GL	79	2	200	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.67	-0.67	1.21	34.232	27.54	29.93							2	200
9	-0.67	-0.67	1.21	34.232	27.54	29.93							2	200
31	-1.38	-1.38	0.53	34.340	27.65	30.05							2	200
77	-1.70	-1.70	0.24	34.406	27.71	30.12							2	200
225	-1.73	-1.74	0.33	34.441	27.74	30.15							2	200
443	-1.92	-1.93	0.31	34.580	27.86	30.27							2	200

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.673	-1.673	1.202	34.222	27.530	29.922	32.284	36.921	56.42	0.000	1445.1	0
10	-1.826	-1.826	1.059	34.264	27.570	29.964	32.329	36.970	52.58	.005	1444.6	10
20	-1.314	-1.314	.582	34.322	27.635	30.036	32.408	37.063	46.43	.010	1442.6	20
30	-1.354	-1.355	.549	34.328	27.641	30.043	32.415	37.071	45.80	.015	1442.6	30
40	-1.559	-1.560	.355	34.370	27.681	30.086	32.461	37.123	41.94	.019	1441.8	40
50	-1.655	-1.656	.267	34.392	27.701	30.108	32.484	37.149	39.94	.023	1441.6	50
60	-1.687	-1.688	.244	34.400	27.709	30.116	32.492	37.159	39.18	.027	1441.6	61
70	-1.699	-1.701	.239	34.402	27.711	30.118	32.495	37.161	38.94	.031	1441.7	71
80	-1.714	-1.716	.232	34.405	27.714	30.121	32.498	37.165	38.59	.035	1441.8	81
90	-1.727	-1.729	.227	34.410	27.718	30.126	32.503	37.170	38.12	.039	1441.9	91
100	-1.730	-1.732	.232	34.411	27.719	30.126	32.504	37.171	37.99	.043	1442.1	101
125	-1.746	-1.749	.235	34.419	27.726	30.133	32.511	37.179	37.18	.052	1442.4	126
150	-1.765	-1.769	.235	34.428	27.733	30.141	32.519	37.188	36.30	.061	1442.8	152
175	-1.760	-1.764	.260	34.433	27.738	30.146	32.523	37.192	35.76	.070	1443.2	177
200	-1.756	-1.760	.283	34.434	27.738	30.146	32.524	37.192	35.54	.079	1443.7	202
225	-1.719	-1.724	.329	34.442	27.744	30.151	32.529	37.195	34.89	.088	1444.3	227
250	-1.713	-1.719	.365	34.447	27.748	30.155	32.532	37.199	34.42	.097	1444.7	253
275	-1.785	-1.792	.312	34.455	27.756	30.164	32.542	37.211	33.46	.105	1444.8	278
300	-1.799	-1.807	.318	34.473	27.771	30.179	32.557	37.227	31.88	.113	1445.2	303
325	-1.840	-1.848	.298	34.502	27.795	30.204	32.583	37.253	29.41	.121	1445.4	328
350	-1.848	-1.856	.309	34.507	27.800	30.209	32.588	37.259	28.80	.128	1445.8	354
375	-1.867	-1.876	.309	34.522	27.812	30.221	32.601	37.272	27.47	.135	1446.2	379
400	-1.885	-1.894	.312	34.536	27.824	30.234	32.613	37.285	26.19	.142	1446.5	404
425	-1.919	-1.929	.299	34.568	27.851	30.261	32.641	37.313	23.51	.148	1446.8	430
436	-1.921	-1.932	.306	34.587	27.866	30.277	32.656	37.328	21.95	.151	1447.0	441



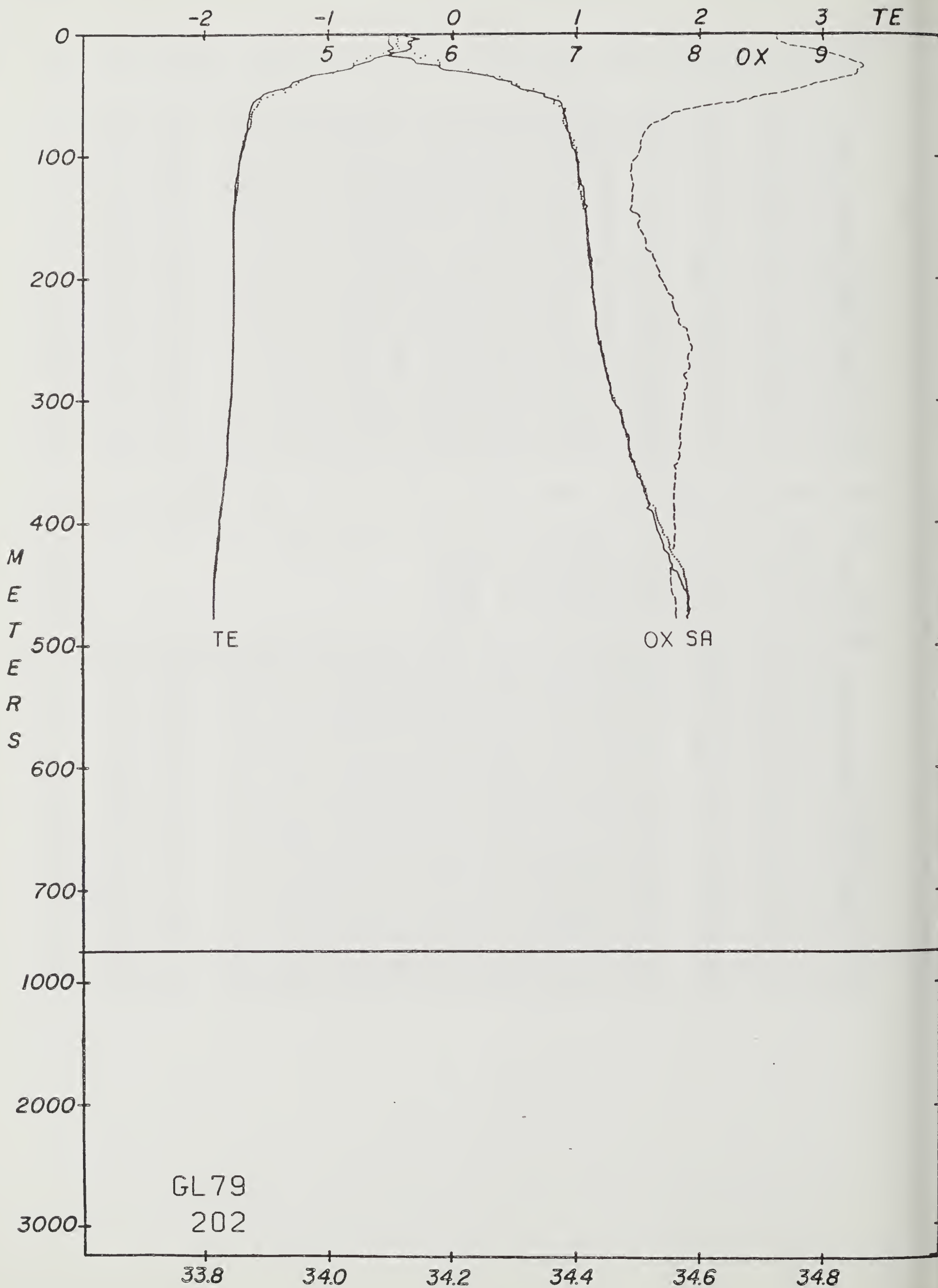
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 54.1S	148 19.4E	537	536	991.1	280	3	1.1	2	7300	0	645	3JAN79	GL	79	1	201	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-270	-270	1.578	33.750	27.132	29.520	31.878	36.507	94.16	0.000	1446.3	0
10	-264	-264	1.592	33.754	27.135	29.522	31.880	36.509	93.87	.009	1446.5	10
20	-875	-876	1.006	34.075	27.420	29.815	32.181	36.825	66.83	.017	1444.3	20
30	-1.294	-1.294	.606	34.250	27.576	29.977	32.348	37.004	51.99	.023	1442.8	30
40	-1.655	-1.656	.258	34.363	27.678	30.084	32.461	37.126	42.23	.028	1441.4	40
50	-1.715	-1.716	.208	34.395	27.706	30.113	32.490	37.157	39.52	.032	1441.3	50
60	-1.724	-1.725	.207	34.413	27.720	30.127	32.505	37.172	38.12	.036	1441.5	61
70	-1.722	-1.723	.218	34.422	27.727	30.134	32.512	37.179	37.38	.040	1441.6	71
80	-1.720	-1.722	.227	34.428	27.732	30.139	32.517	37.184	36.84	.044	1441.8	81
90	-1.705	-1.707	.250	34.433	27.736	30.143	32.520	37.186	36.45	.047	1442.1	91
100	-1.709	-1.711	.254	34.439	27.741	30.148	32.525	37.191	35.92	.051	1442.2	101
125	-1.705	-1.708	.278	34.450	27.750	30.157	32.534	37.200	34.91	.060	1442.7	126
150	-1.775	-1.778	.227	34.461	27.761	30.169	32.547	37.215	33.74	.068	1442.8	152
175	-1.765	-1.769	.257	34.470	27.768	30.175	32.553	37.221	32.92	.077	1443.2	177
200	-1.744	-1.749	.298	34.487	27.781	30.189	32.566	37.233	31.53	.085	1443.8	202
225	-1.743	-1.748	.319	34.502	27.793	30.200	32.578	37.245	30.26	.092	1444.2	227
250	-1.750	-1.756	.331	34.513	27.802	30.210	32.587	37.254	29.28	.100	1444.6	253
275	-1.778	-1.784	.323	34.527	27.814	30.222	32.600	37.268	27.94	.107	1444.9	278
300	-1.794	-1.801	.326	34.535	27.821	30.229	32.607	37.276	27.15	.114	1445.3	303
325	-1.847	-1.854	.294	34.545	27.831	30.240	32.619	37.289	26.04	.121	1445.5	328
350	-1.865	-1.873	.295	34.550	27.835	30.244	32.623	37.294	25.47	.127	1445.8	354
375	-1.881	-1.889	.293	34.558	27.842	30.252	32.631	37.302	24.67	.133	1446.1	379
400	-1.890	-1.899	.308	34.564	27.847	30.257	32.636	37.308	24.01	.139	1446.5	404
425	-1.893	-1.903	.325	34.574	27.855	30.265	32.645	37.316	23.09	.145	1446.9	430
450	-1.910	-1.920	.329	34.598	27.875	30.285	32.665	37.336	21.07	.151	1447.3	455
475	-1.917	-1.929	.341	34.614	27.888	30.298	32.678	37.350	19.68	.156	1447.7	480
500	-1.919	-1.931	.358	34.618	27.892	30.302	32.681	37.353	19.19	.161	1448.1	505
528	-1.916	-1.929	.383	34.625	27.897	30.307	32.687	37.358	18.53	.166	1448.6	534

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66 54.1S	148 19.4E	537	536	991.2	280	3	1.1	2		0	0	709	3JAN79	GL	79	2	201

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-0.27	-0.27	1.58	33.755	27.14	29.52		59	1.49			B	0	201
20	-1.20	-1.20	0.69	34.240	27.56	29.96							2	201
56	-1.72	-1.72	0.21	34.396	27.71	30.11							2	201
99	-1.75	-1.75	0.21	34.434	27.74	30.15							2	201
240	-1.75	-1.76	0.32	34.503	27.79	30.20							2	201
525	-1.92	-1.93	0.38	34.620	27.89	30.30							2	201

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-269	-269	1.578	33.739	27.123	29.511	31.869	36.498	95.01	0.000	1446.3	0
10	-729	-730	1.136	33.929	27.296	29.690	32.054	36.695	78.58	.009	1444.6	10
20	-1.237	-1.238	.656	34.275	27.594	29.994	32.365	37.019	50.28	.015	1442.9	20
30	-1.496	-1.497	.408	34.335	27.651	30.055	32.429	37.090	44.88	.020	1441.9	30
40	-1.682	-1.682	.232	34.374	27.687	30.094	32.471	37.138	41.33	.024	1441.3	40
50	-1.710	-1.711	.213	34.389	27.701	30.108	32.485	37.152	40.01	.028	1441.3	50
60	-1.713	-1.714	.218	34.407	27.715	30.122	32.499	37.166	38.61	.032	1441.5	61
70	-1.742	-1.743	.198	34.417	27.724	30.131	32.509	37.177	37.70	.036	1441.5	71
80	-1.757	-1.759	.190	34.423	27.729	30.137	32.515	37.183	37.13	.040	1441.6	81
90	-1.761	-1.763	.194	34.429	27.734	30.142	32.520	37.188	36.59	.043	1441.8	91
100	-1.752	-1.754	.211	34.434	27.738	30.146	32.524	37.192	36.15	.047	1442.0	101
125	-1.735	-1.738	.248	34.451	27.752	30.139	32.537	37.204	34.73	.056	1442.5	126
150	-1.783	-1.786	.220	34.461	27.761	30.169	32.547	37.216	33.72	.064	1442.7	152
175	-1.774	-1.778	.248	34.471	27.768	30.177	32.555	37.223	32.84	.073	1443.2	177
200	-1.758	-1.762	.283	34.475	27.772	30.179	32.557	37.225	32.42	.081	1443.7	202
225	-1.736	-1.741	.325	34.493	27.786	30.193	32.570	37.238	30.95	.089	1444.2	227
250	-1.755	-1.761	.326	34.507	27.797	30.205	32.583	37.250	29.71	.096	1444.6	253
275	-1.773	-1.779	.329	34.528	27.815	30.223	32.600	37.268	27.89	.104	1445.0	278
300	-1.822	-1.829	.299	34.540	27.825	30.234	32.612	37.282	26.71	.110	1445.2	303
325	-1.852	-1.860	.288	34.548	27.833	30.242	32.621	37.292	25.80	.117	1445.4	328
350	-1.873	-1.881	.287	34.555	27.839	30.248	32.628	37.298	25.10	.123	1445.8	354
375	-1.883	-1.892	.296	34.559	27.843	30.252	32.632	37.303	24.58	.130	1446.1	379
400	-1.889	-1.899	.309	34.566	27.849	30.258	32.638	37.309	23.87	.136	1446.5	404
425	-1.893	-1.904	.324	34.576	27.857	30.266	32.646	37.317	22.97	.142	1446.9	430
450	-1.909	-1.920	.329	34.599	27.876	30.285	32.665	37.327	21.02	.147	1447.3	455
475	-1.917	-1.929	.341	34.614	27.888	30.298	32.678	37.350	19.68	.152	1447.7	480
500	-1.917	-1.929	.360	34.618	27.891	30.301	32.681	37.352	19.25	.157	1448.1	505
528	-1.916	-1.929	.383	34.625	27.897	30.307	32.687	37.358	18.53	.162	1448.6	534



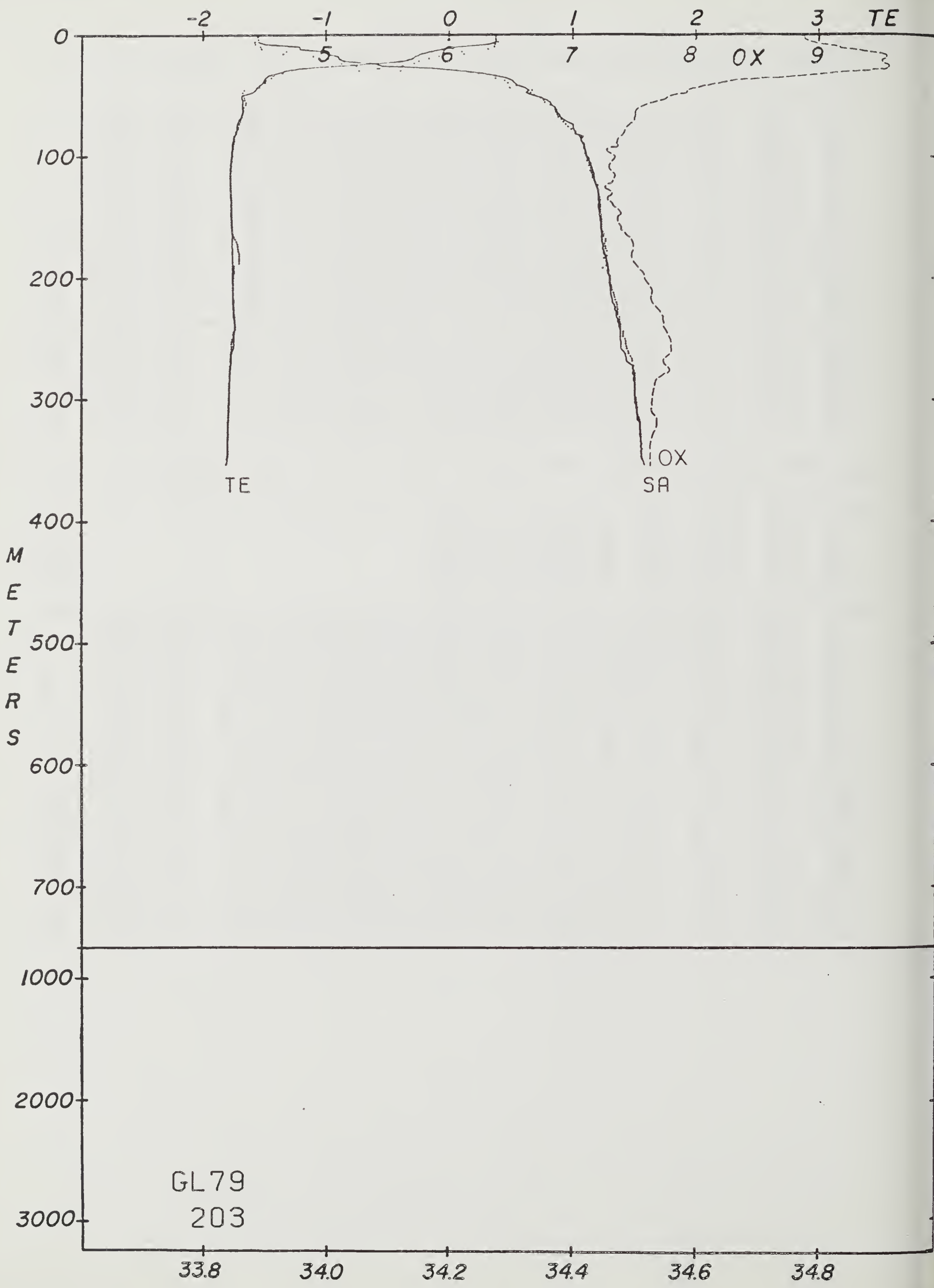
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 39.7S 148 44.0E 537 480 991.9 290 5 0.1 2 25 0 1008 3JAN79 GL 79 1 202

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .370	- .370	1.498	34.100	27.419	29.806	32.164	36.793	66.99	0.000	1446.3	0
10	- .327	- .327	1.549	34.106	27.422	29.809	32.166	36.794	66.69	.007	1446.7	10
20	- .616	- .617	1.269	34.135	27.458	29.849	32.210	36.847	63.24	.013	1445.6	20
30	- .888	- .899	1.008	34.199	27.520	29.915	32.280	36.924	57.30	.019	1444.6	30
40	-1.280	-1.281	.629	34.296	27.612	30.013	32.384	37.039	48.47	.024	1443.0	40
50	-1.521	-1.523	.399	34.351	27.664	30.068	32.443	37.105	43.48	.029	1442.2	50
60	-1.611	-1.613	.318	34.380	27.690	30.096	32.472	37.136	40.93	.033	1441.9	61
70	-1.634	-1.636	.303	34.386	27.696	30.102	32.478	37.143	40.31	.037	1442.0	71
80	-1.645	-1.647	.300	34.390	27.699	30.105	32.482	37.147	39.98	.041	1442.1	81
90	-1.664	-1.666	.289	34.395	27.704	30.110	32.487	37.153	39.49	.045	1442.2	91
100	-1.693	-1.695	.268	34.402	27.711	30.118	32.495	37.161	38.75	.049	1442.2	101
125	-1.740	-1.743	.240	34.414	27.722	30.129	32.507	37.175	37.58	.059	1442.5	126
150	-1.752	-1.755	.248	34.419	27.726	30.134	32.511	37.179	37.04	.068	1442.8	152
175	-1.754	-1.757	.266	34.424	27.730	30.138	32.516	37.184	36.46	.077	1443.2	177
200	-1.751	-1.756	.287	34.429	27.734	30.141	32.519	37.187	36.00	.086	1443.7	202
225	-1.749	-1.754	.309	34.433	27.737	30.145	32.523	37.191	35.49	.095	1444.1	227
250	-1.754	-1.760	.323	34.438	27.741	30.149	32.527	37.195	34.98	.104	1444.5	253
275	-1.763	-1.769	.334	34.451	27.752	30.160	32.538	37.206	33.82	.113	1444.9	278
300	-1.775	-1.782	.342	34.465	27.764	30.172	32.550	37.219	32.52	.121	1445.3	303
325	-1.799	-1.807	.338	34.487	27.782	30.190	32.569	37.238	30.67	.129	1445.6	328
350	-1.808	-1.817	.348	34.497	27.791	30.199	32.578	37.247	29.71	.136	1446.0	354
375	-1.836	-1.845	.340	34.515	27.806	30.215	32.594	37.264	28.08	.144	1446.3	379
400	-1.867	-1.876	.330	34.533	27.821	30.231	32.610	37.281	26.47	.151	1446.6	404
425	-1.887	-1.897	.330	34.554	27.838	30.248	32.628	37.299	24.69	.157	1446.9	430
450	-1.912	-1.923	.325	34.579	27.860	30.270	32.650	37.321	22.50	.163	1447.3	455
472	-1.914	-1.925	.341	34.583	27.863	30.273	32.653	37.325	22.07	.168	1447.7	478

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
66 39.7S 148 44.0E 537 480 991.9 290 5 0.1 2 0 0 1029 3JAN79 GL 79 2 202

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-0.30	-0.30	1.57	34.137	27.45	29.83		65	1.49			B	0	202
29	-0.82	-0.82	1.08	34.194	27.51	29.91							2	202
78	-1.64	-1.64	0.30	34.385	27.70	30.10							2	202
143	-1.75	-1.75	0.24	34.412	27.72	30.13							2	202
382	-1.84	-1.85	0.34	34.521	27.81	30.22							2	202
468	-1.91	-1.92	0.34	34.583	27.86	30.27							2	202

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	- .300	- .300	1.569	34.113	27.426	29.813	32.169	36.796	66.30	0.000	1446.7	0
10	- .333	- .333	1.544	34.114	27.428	29.815	32.173	36.801	66.05	.007	1446.7	10
20	- .701	- .701	1.186	34.163	27.484	29.876	32.239	36.878	60.73	.013	1445.2	20
30	- .904	- .905	.994	34.222	27.539	29.935	32.300	36.944	55.45	.019	1444.5	30
40	-1.235	-1.236	.675	34.293	27.609	30.009	32.379	37.033	48.81	.024	1443.3	40
50	-1.442	-1.443	.478	34.354	27.665	30.068	32.441	37.100	43.46	.029	1442.5	50
60	-1.571	-1.572	.358	34.376	27.686	30.091	32.466	37.129	41.38	.033	1442.1	61
70	-1.613	-1.614	.324	34.383	27.693	30.098	32.474	37.138	40.66	.037	1442.1	71
80	-1.646	-1.648	.299	34.390	27.699	30.106	32.482	37.147	39.97	.041	1442.1	81
90	-1.678	-1.680	.275	34.398	27.707	30.114	32.491	37.157	39.16	.045	1442.1	91
100	-1.701	-1.704	.260	34.404	27.713	30.120	32.497	37.163	38.58	.049	1442.2	101
125	-1.720	-1.723	.260	34.407	27.713	30.123	32.500	37.167	38.19	.058	1442.5	126
150	-1.755	-1.758	.245	34.419	27.726	30.134	32.511	37.180	37.04	.068	1442.8	152
175	-1.753	-1.757	.267	34.421	27.728	30.136	32.514	37.182	36.69	.077	1443.2	177
200	-1.751	-1.756	.288	34.429	27.734	30.142	32.519	37.187	35.99	.086	1443.7	202
225	-1.752	-1.757	.306	34.433	27.737	30.145	32.523	37.191	35.52	.095	1444.1	227
250	-1.758	-1.764	.319	34.441	27.744	30.152	32.530	37.198	34.70	.104	1444.5	253
275	-1.764	-1.770	.333	34.452	27.753	30.161	32.538	37.207	33.76	.112	1444.9	278
300	-1.777	-1.785	.339	34.466	27.765	30.173	32.551	37.220	32.44	.121	1445.3	303
325	-1.797	-1.805	.340	34.484	27.780	30.188	32.566	37.235	30.91	.129	1445.6	328
350	-1.809	-1.817	.348	34.497	27.791	30.200	32.578	37.247	29.68	.136	1446.0	354
375	-1.839	-1.848	.338	34.517	27.808	30.217	32.596	37.266	27.92	.143	1446.3	379
400	-1.867	-1.877	.330	34.541	27.828	30.237	32.616	37.287	25.85	.150	1446.6	404
425	-1.897	-1.907	.320	34.565	27.848	30.257	32.637	37.308	23.81	.156	1446.9	430
450	-1.912	-1.923	.325	34.583	27.863	30.272	32.652	37.324	22.24	.162	1447.3	455
467	-1.914	-1.925	.337	34.583	27.863	30.273	32.653	37.325	22.10	.166	1447.6	472



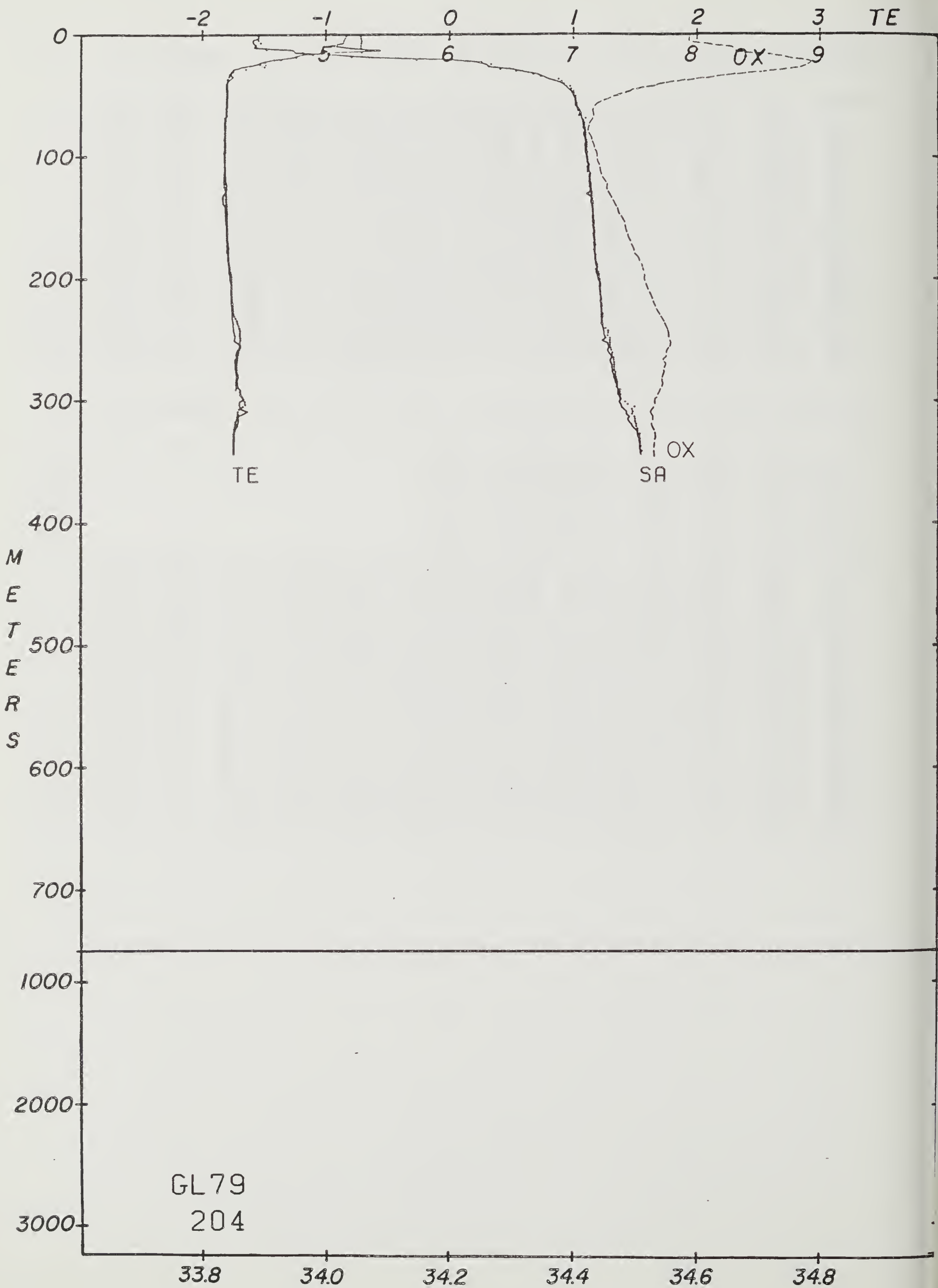
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN	
66	24.0S	148	36.0E	537	355	992.2	330	11	0.1	0	10	4	1436	3JAN79	GL	79	1	203

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	.375	.375	2.230	33.878	27.203	29.580	31.928	36.537	87.45	0.000	1449.5	0
10	.070	.070	1.936	33.937	27.266	29.648	32.000	36.618	81.41	.008	1448.3	10
20	-.315	-.316	1.563	34.026	27.356	29.743	32.101	36.729	72.86	.016	1446.8	20
30	-1.340	-1.341	.558	34.225	27.557	29.959	32.331	36.988	53.75	.022	1442.5	30
40	-1.529	-1.530	.381	34.306	27.628	30.033	32.408	37.070	46.95	.028	1441.9	40
50	-1.686	-1.687	.234	34.334	27.655	30.062	32.440	37.106	44.28	.032	1441.4	50
60	-1.683	-1.684	.246	34.369	27.684	30.091	32.467	37.134	41.55	.036	1441.6	61
70	-1.712	-1.714	.225	34.386	27.698	30.105	32.482	37.150	40.14	.040	1441.6	71
80	-1.735	-1.737	.211	34.403	27.713	30.120	32.498	37.165	38.70	.044	1441.7	81
90	-1.766	-1.768	.189	34.418	27.726	30.133	32.511	37.180	37.40	.048	1441.8	91
100	-1.774	-1.776	.189	34.424	27.731	30.139	32.517	37.186	36.84	.052	1441.9	101
125	-1.779	-1.782	.203	34.438	27.742	30.150	32.529	37.197	35.61	.061	1442.3	126
150	-1.773	-1.776	.229	34.444	27.747	30.155	32.533	37.202	35.02	.070	1442.8	152
175	-1.766	-1.770	.255	34.449	27.750	30.159	32.537	37.205	34.55	.079	1443.2	177
200	-1.762	-1.766	.279	34.460	27.759	30.167	32.545	37.213	33.56	.087	1443.7	202
225	-1.756	-1.761	.304	34.469	27.767	30.174	32.552	37.220	32.73	.095	1444.1	227
250	-1.752	-1.758	.327	34.478	27.773	30.181	32.559	37.226	31.95	.103	1444.6	253
275	-1.783	-1.789	.317	34.498	27.791	30.199	32.577	37.245	30.15	.111	1444.9	278
300	-1.791	-1.798	.328	34.502	27.794	30.202	32.580	37.249	29.71	.119	1445.2	303
325	-1.801	-1.809	.337	34.511	27.801	30.210	32.588	37.257	28.85	.126	1445.6	328
350	-1.816	-1.824	.342	34.517	27.807	30.216	32.594	37.263	28.17	.133	1446.0	353

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN	
66	24.0S	148	36.0E	537	355	992.2	330	10	0.1	0	0	0	1456	3JAN79	GL	79	2	203

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	0.37	0.37	2.23	33.895	27.22	29.59						B	0	203
31	-0.79	-0.79	1.10	34.134	27.46	29.86							2	203
50	-1.68	-1.68	0.24	34.337	27.66	30.06							2	203
117	-1.78	-1.78	0.20	34.435	27.74	30.15							2	203
187	-1.71	-1.71	0.32	34.456	27.75	30.16							2	203
241	-1.74	-1.75	0.33	34.482	27.78	30.18							2	203
344	-1.80	-1.81	0.35	34.516	27.81	30.21							2	203

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	.369	.369	2.225	33.888	27.211	29.588	31.936	36.546	86.66	0.000	1449.4	0
10	.354	.354	2.217	33.893	27.216	29.594	31.942	36.552	86.19	.009	1449.5	10
20	-.200	-.201	1.678	34.010	27.338	29.724	32.079	36.705	74.59	.017	1447.3	20
30	-.858	-.859	1.036	34.153	27.482	29.876	32.242	36.885	60.92	.023	1444.7	30
40	-1.511	-1.512	.399	34.297	27.620	30.025	32.400	37.061	47.67	.029	1442.0	40
50	-1.676	-1.677	.244	34.344	27.663	30.070	32.446	37.113	43.59	.033	1441.4	50
60	-1.674	-1.675	.255	34.369	27.683	30.090	32.467	37.133	41.62	.038	1441.6	61
70	-1.701	-1.703	.236	34.383	27.695	30.103	32.480	37.147	40.38	.042	1441.7	71
80	-1.735	-1.737	.211	34.403	27.713	30.120	32.498	37.165	38.69	.046	1441.7	81
90	-1.758	-1.760	.197	34.417	27.724	30.132	32.510	37.179	37.52	.050	1441.8	91
100	-1.770	-1.772	.192	34.422	27.729	30.137	32.515	37.184	37.01	.053	1441.9	101
125	-1.780	-1.783	.202	34.439	27.743	30.151	32.529	37.198	35.53	.062	1442.3	126
150	-1.770	-1.774	.231	34.446	27.748	30.156	32.534	37.202	34.92	.071	1442.8	151
175	-1.717	-1.721	.304	34.454	27.754	30.161	32.538	37.205	34.28	.080	1443.4	177
200	-1.759	-1.764	.281	34.460	27.759	30.167	32.545	37.213	33.57	.088	1443.7	202
225	-1.749	-1.754	.311	34.473	27.770	30.177	32.555	37.223	32.46	.097	1444.2	227
250	-1.771	-1.777	.309	34.486	27.781	30.189	32.567	37.235	31.24	.105	1444.5	253
275	-1.786	-1.792	.314	34.500	27.793	30.201	32.579	37.247	29.97	.112	1444.9	278
300	-1.794	-1.801	.325	34.504	27.796	30.204	32.582	37.251	29.51	.120	1445.2	303
325	-1.801	-1.809	.337	34.511	27.802	30.210	32.588	37.257	28.82	.127	1445.6	328
344	-1.807	-1.815	.346	34.513	27.804	30.212	32.590	37.260	28.53	.132	1445.9	348



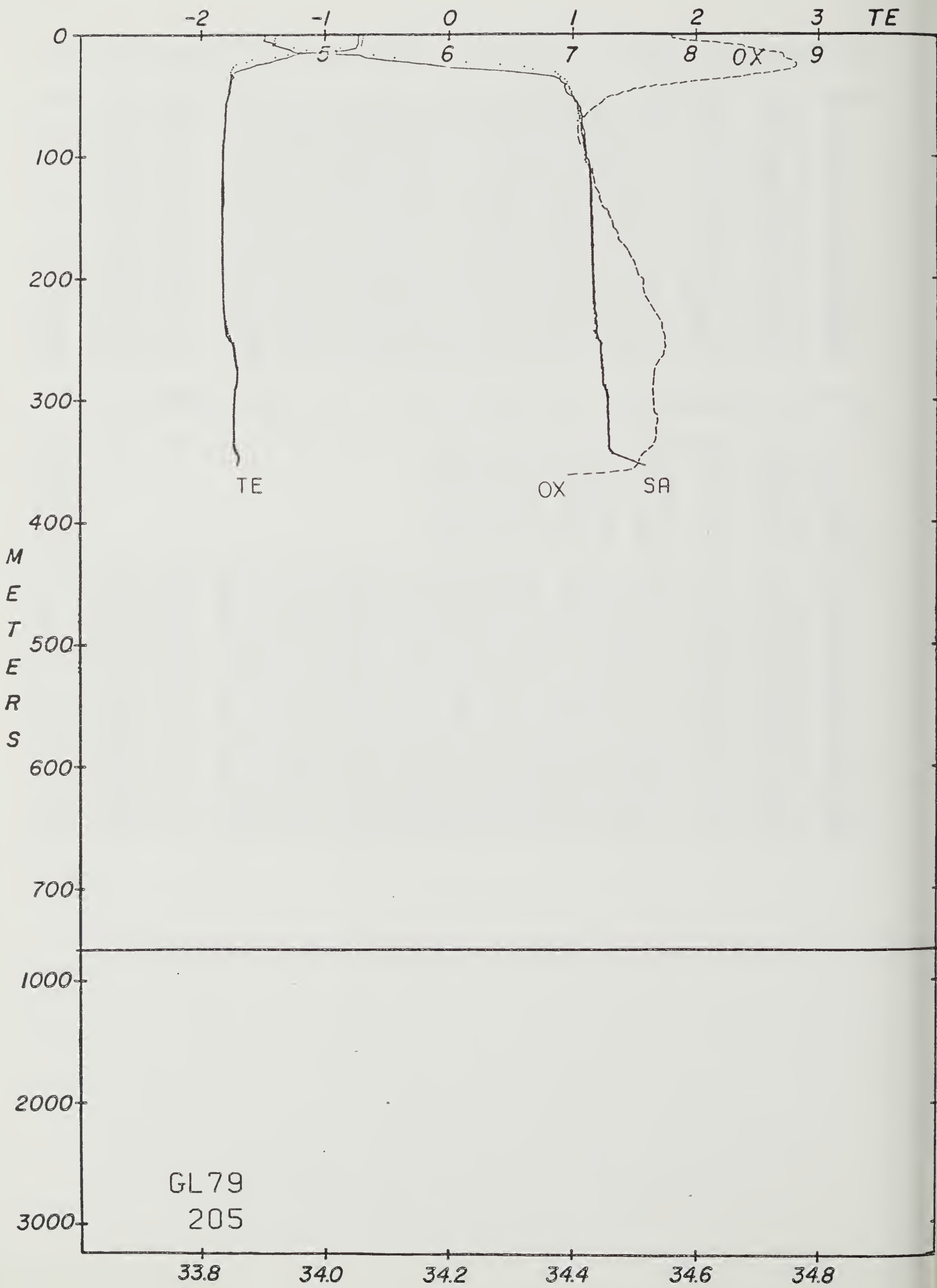
LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	8.7S	148	35.4E	537	345	992.6	330	7	0.1	2	17	0	1852	3JAN79	GL	79 1 204

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.837	-1.837	1.019	33.891	27.269	29.665	32.031	36.676	81.15	0.000	1443.9	0
10	-1.901	-1.901	.962	33.887	27.269	29.665	32.032	36.679	81.18	.008	1443.8	10
20	-1.307	-1.307	.576	34.102	27.456	29.858	32.231	36.888	63.35	.015	1442.3	20
30	-1.743	-1.744	.159	34.301	27.630	30.038	32.416	37.085	46.82	.021	1440.7	30
40	-1.794	-1.795	.120	34.375	27.691	30.100	32.478	37.148	40.98	.025	1440.7	40
50	-1.796	-1.797	.127	34.399	27.711	30.119	32.498	37.167	39.02	.029	1440.9	50
60	-1.800	-1.801	.131	34.406	27.717	30.125	32.504	37.174	38.41	.033	1441.1	61
70	-1.814	-1.816	.125	34.414	27.724	30.133	32.511	37.181	37.68	.037	1441.2	71
80	-1.817	-1.819	.130	34.418	27.727	30.135	32.514	37.184	37.35	.041	1441.4	81
90	-1.818	-1.820	.136	34.420	27.728	30.137	32.516	37.186	37.15	.044	1441.5	91
100	-1.823	-1.825	.140	34.422	27.730	30.139	32.518	37.188	36.88	.048	1441.7	101
125	-1.803	-1.806	.178	34.429	27.735	30.144	32.522	37.192	36.27	.057	1442.2	126
150	-1.812	-1.815	.189	34.432	27.738	30.147	32.526	37.195	35.84	.066	1442.6	152
175	-1.788	-1.792	.232	34.435	27.740	30.148	32.527	37.196	35.53	.075	1443.1	177
200	-1.773	-1.778	.266	34.441	27.744	30.152	32.531	37.199	34.98	.084	1443.6	202
225	-1.759	-1.764	.300	34.446	27.748	30.156	32.534	37.202	34.50	.093	1444.1	227
250	-1.727	-1.732	.351	34.453	27.753	30.160	32.538	37.205	33.90	.101	1444.6	253
275	-1.723	-1.729	.375	34.465	27.762	30.170	32.547	37.214	32.88	.110	1445.1	278
300	-1.700	-1.707	.418	34.477	27.771	30.178	32.555	37.221	31.92	.118	1445.6	303
325	-1.742	-1.750	.396	34.506	27.796	30.203	32.581	37.248	29.42	.125	1445.9	328
341	-1.746	-1.754	.405	34.511	27.800	30.208	32.585	37.253	28.91	.130	1446.2	345

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	8.7S	148	35.4E	537	345	992.6	330	5	0.1	2	0	0	1923	3JAN79	GL	79 2 204

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.52	-0.52	1.34	33.920	27.28	29.67						D6	2	204
17	-0.60	-0.60	1.27	33.903	27.27	29.66							2	204
20	-0.86	-0.86	1.02	33.982	27.34	29.74							2	204
70	-1.81	-1.91	0.13	34.407	27.72	30.13							2	204
115	-1.82	-1.82	0.15	34.422	27.73	30.14							2	204
180	-1.80	-1.80	0.22	34.431	27.74	30.15							2	204
297	-1.68	-1.69	0.43	34.473	27.77	30.17							2	204
325	-1.74	-1.75	0.40	34.504	27.79	30.20							2	204

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.717	-1.717	1.139	33.890	27.264	29.658	32.022	36.663	81.66	0.000	1444.4	0
10	-1.717	-1.718	1.146	33.887	27.261	29.655	32.019	36.661	81.86	.008	1444.6	10
20	-1.216	-1.217	.664	34.044	27.406	29.807	32.178	36.833	68.07	.016	1442.7	20
30	-1.669	-1.670	.232	34.283	27.613	30.020	32.398	37.064	48.37	.021	1441.0	30
40	-1.798	-1.799	.116	34.380	27.696	30.104	32.483	37.153	40.52	.026	1440.7	40
50	-1.803	-1.804	.120	34.402	27.713	30.122	32.501	37.170	38.77	.030	1440.9	50
60	-1.806	-1.807	.125	34.407	27.718	30.127	32.505	37.175	38.31	.034	1441.1	61
70	-1.810	-1.811	.129	34.415	27.724	30.133	32.512	37.182	37.62	.038	1441.2	71
80	-1.816	-1.818	.131	34.420	27.728	30.137	32.516	37.186	37.21	.041	1441.4	81
90	-1.818	-1.820	.137	34.421	27.729	30.138	32.517	37.187	37.01	.045	1441.5	91
100	-1.819	-1.822	.143	34.423	27.731	30.140	32.519	37.189	36.84	.049	1441.7	101
125	-1.820	-1.823	.161	34.427	27.734	30.143	32.522	37.192	36.34	.058	1442.1	126
150	-1.803	-1.807	.198	34.433	27.738	30.147	32.526	37.195	35.82	.067	1442.6	152
175	-1.798	-1.801	.222	34.435	27.740	30.148	32.527	37.196	35.55	.076	1443.0	177
200	-1.763	-1.768	.276	34.443	27.746	30.154	32.532	37.200	34.83	.085	1443.6	202
225	-1.750	-1.755	.309	34.447	27.748	30.156	32.533	37.202	34.49	.093	1444.1	227
250	-1.694	-1.700	.385	34.460	27.758	30.164	32.541	37.207	33.49	.102	1444.8	253
275	-1.723	-1.729	.375	34.468	27.765	30.173	32.550	37.216	32.62	.110	1445.1	278
300	-1.654	-1.661	.464	34.487	27.779	30.185	32.561	37.225	31.28	.118	1445.9	303
325	-1.743	-1.751	.395	34.507	27.797	30.205	32.582	37.249	29.33	.126	1445.9	328
338	-1.746	-1.754	.403	34.512	27.801	30.209	32.586	37.253	28.85	.129	1446.1	342



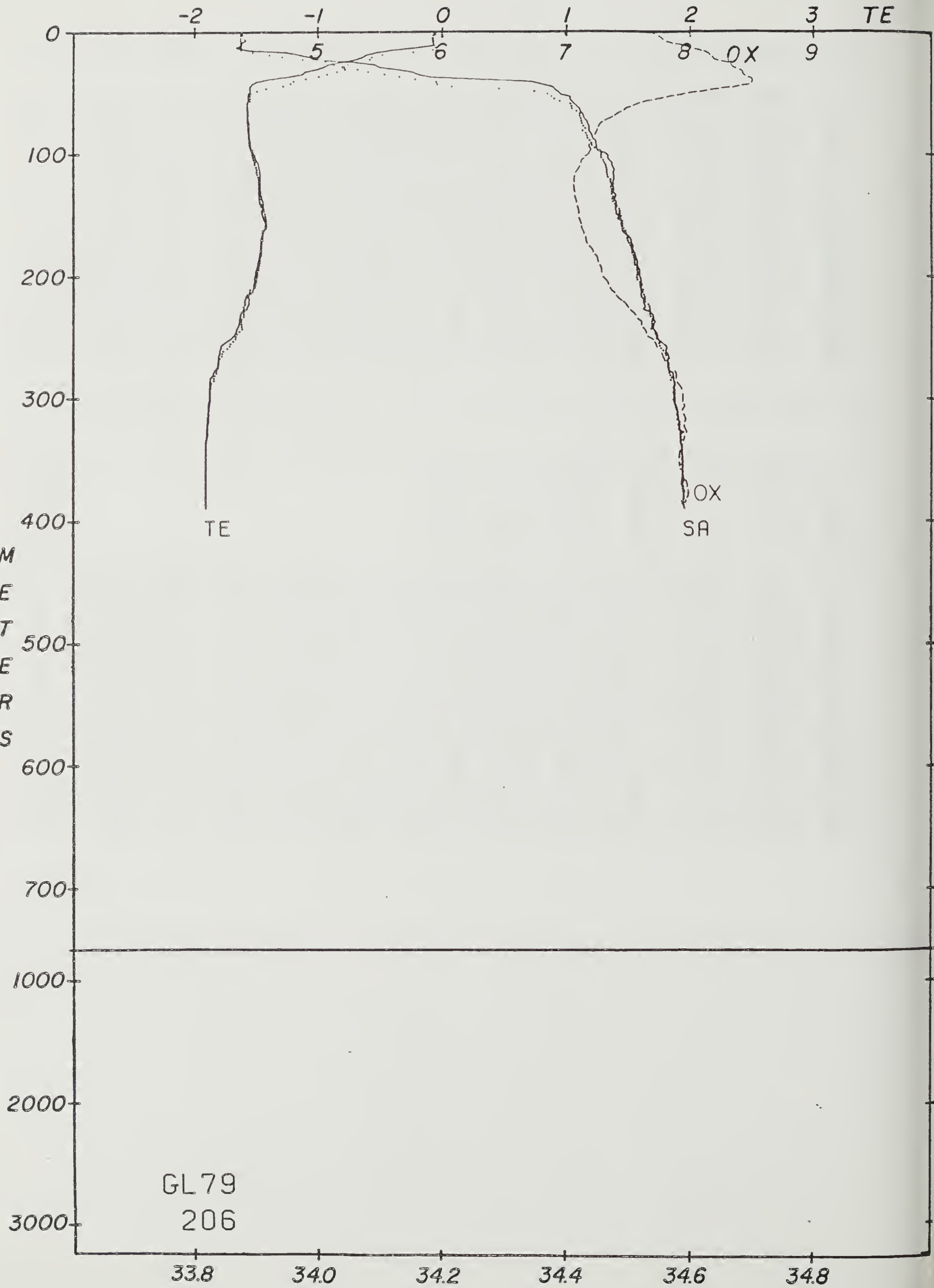
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	4.1S	148	33.4E	537	356	991.2	40	5	1.1	2	6	0	2327	3JAN79	GL	79 1 203

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.737	-1.737	1.120	33.899	27.272	29.666	32.031	36.672	80.90	0.000	1444.4	0
10	-1.743	-1.743	1.122	33.921	27.290	29.684	32.048	36.690	79.16	.008	1444.5	10
20	-1.324	-1.325	.557	34.073	27.434	29.836	32.209	36.867	65.48	.015	1442.2	20
30	-1.680	-1.680	.220	34.252	27.589	29.996	32.373	37.041	50.72	.021	1440.9	30
40	-1.762	-1.763	.153	34.383	27.697	30.105	32.483	37.151	40.44	.026	1440.9	40
50	-1.780	-1.781	.142	34.395	27.707	30.115	32.494	37.163	39.37	.030	1441.0	50
60	-1.805	-1.807	.126	34.411	27.721	30.130	32.508	37.178	38.01	.033	1441.1	61
70	-1.811	-1.812	.128	34.415	27.724	30.133	32.512	37.182	37.63	.037	1441.2	71
80	-1.817	-1.819	.130	34.419	27.727	30.136	32.515	37.185	37.27	.041	1441.4	81
90	-1.820	-1.822	.134	34.421	27.729	30.138	32.517	37.187	37.04	.045	1441.5	91
100	-1.823	-1.825	.139	34.423	27.731	30.140	32.519	37.189	36.80	.048	1441.7	101
125	-1.822	-1.824	.160	34.430	27.737	30.146	32.525	37.195	36.11	.058	1442.1	126
150	-1.830	-1.833	.171	34.432	27.739	30.148	32.526	37.197	35.79	.066	1442.5	152
175	-1.833	-1.836	.187	34.432	27.739	30.148	32.527	37.197	35.63	.075	1442.9	177
200	-1.827	-1.831	.212	34.435	27.740	30.149	32.528	37.199	35.30	.084	1443.3	202
225	-1.817	-1.822	.241	34.436	27.741	30.150	32.529	37.199	35.07	.093	1443.8	227
250	-1.767	-1.773	.311	34.445	27.747	30.155	32.533	37.202	34.42	.102	1444.4	253
275	-1.707	-1.714	.389	34.450	27.750	30.157	32.534	37.201	34.07	.110	1445.2	278
300	-1.731	-1.738	.385	34.458	27.757	30.164	32.542	37.209	33.24	.119	1445.5	303
325	-1.733	-1.741	.402	34.460	27.758	30.166	32.543	37.211	32.97	.127	1445.9	328
350	-1.706	-1.714	.452	34.516	27.803	30.210	32.587	37.253	28.65	.135	1446.5	354
350	-1.706	-1.714	.452	34.518	27.805	30.212	32.588	37.255	28.47	.135	1446.5	354

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
66	4.1S	148	33.4E	537	356	990.5	40	5	1.1	2	0	0	2350	3JAN79	GL	79 2 205

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.70	-0.70	1.16	33.925	27.29	29.68							2	205
9	-0.76	-0.76	1.10	33.926	27.29	29.69							2	205
16	-1.24	-1.24	0.64	34.026	27.39	29.79							2	205
32	-1.76	-1.76	0.15	34.346	27.67	30.08							2	205
172	-1.83	-1.83	0.19	34.430	27.74	30.15							2	205
280	-1.71	-1.72	0.39	34.450	27.75	30.16							2	205
353	-1.70	-1.71	0.46	34.506	27.80	30.20							2	205

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.695	-1.695	1.163	33.920	27.287	29.680	32.044	36.685	79.45	0.000	1444.6	0
10	-1.744	-1.744	1.122	33.923	27.292	29.686	32.050	36.692	79.00	.008	1444.5	10
20	-1.421	-1.421	.464	34.125	27.479	29.882	32.257	36.917	61.21	.015	1441.8	20
30	-1.756	-1.757	.149	34.342	27.663	30.071	32.450	37.118	43.66	.020	1440.7	30
40	-1.771	-1.772	.144	34.390	27.703	30.111	32.490	37.158	39.82	.024	1440.9	40
50	-1.784	-1.785	.139	34.399	27.710	30.119	32.497	37.166	39.09	.028	1441.0	50
60	-1.804	-1.805	.127	34.408	27.718	30.127	32.506	37.175	38.27	.032	1441.1	61
70	-1.808	-1.810	.131	34.411	27.721	30.129	32.508	37.178	37.96	.036	1441.2	71
80	-1.811	-1.813	.135	34.414	27.724	30.132	32.511	37.181	37.62	.040	1441.4	81
90	-1.828	-1.830	.127	34.418	27.727	30.136	32.515	37.185	37.25	.043	1441.5	91
100	-1.832	-1.834	.130	34.421	27.729	30.138	32.518	37.188	36.95	.047	1441.6	101
125	-1.837	-1.839	.145	34.429	27.736	30.145	32.524	37.194	36.20	.056	1442.0	126
150	-1.833	-1.837	.167	34.430	27.737	30.146	32.525	37.195	35.95	.065	1442.5	152
175	-1.829	-1.833	.191	34.432	27.738	30.147	32.526	37.197	35.66	.074	1442.9	177
200	-1.824	-1.829	.214	34.433	27.739	30.148	32.527	37.197	35.44	.083	1443.3	202
225	-1.815	-1.820	.243	34.436	27.741	30.150	32.528	37.199	35.12	.092	1443.8	227
250	-1.750	-1.756	.328	34.445	27.747	30.154	32.532	37.200	34.48	.101	1444.5	253
275	-1.708	-1.714	.389	34.450	27.750	30.157	32.534	37.200	34.08	.109	1445.1	278
300	-1.734	-1.741	.382	34.458	27.757	30.165	32.542	37.209	33.23	.118	1445.5	303
325	-1.733	-1.741	.402	34.460	27.758	30.166	32.543	37.211	32.97	.126	1445.9	328
346	-1.693	-1.702	.461	34.498	27.788	30.195	32.572	37.238	30.06	.133	1446.5	350



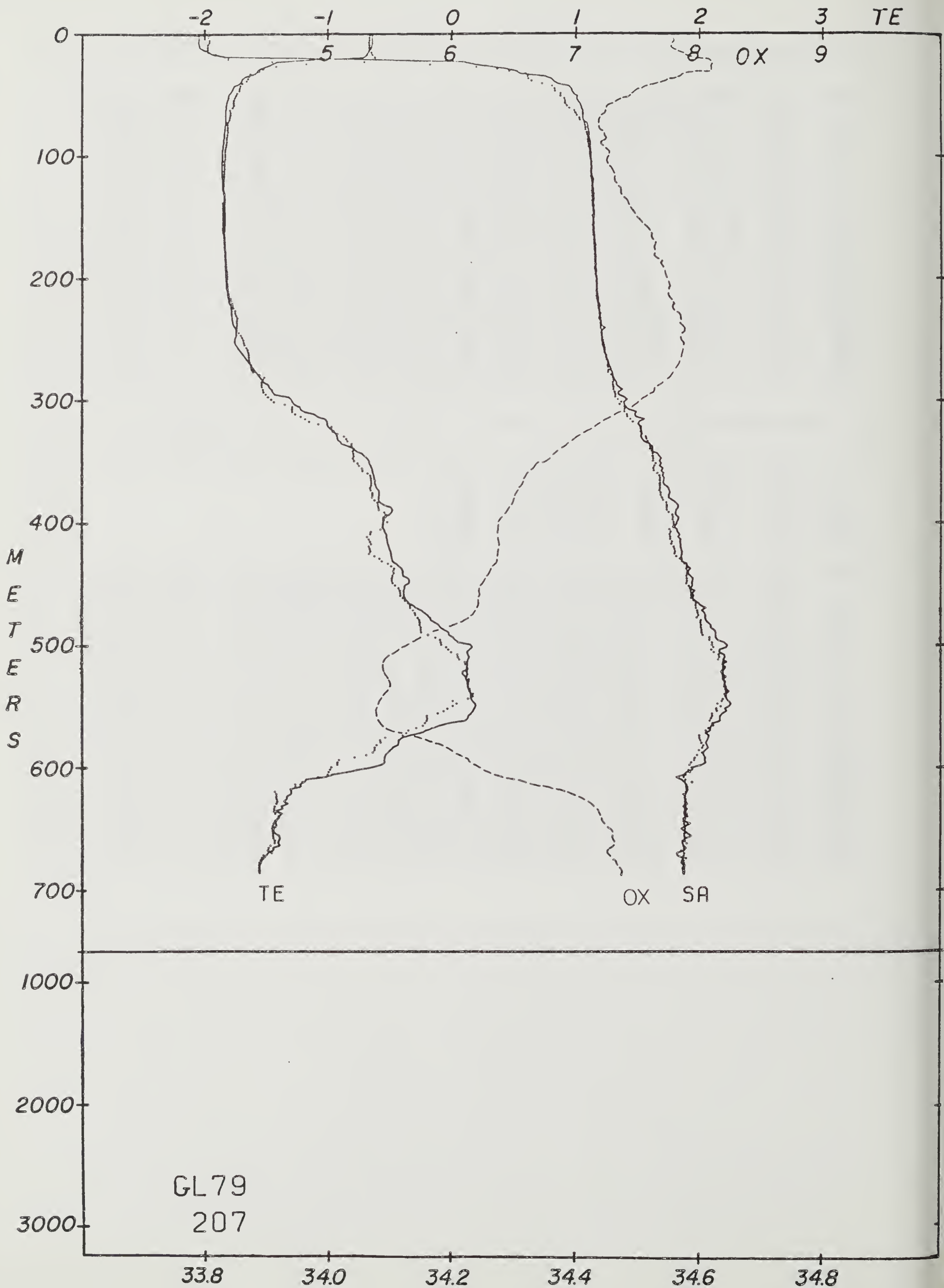
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN		
66	7.7S	147	2.6E	537	392	987.5	90	7	4.7	2	10	0	523	4JAN79	GL	79	1	206

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.050	-0.050	1.806	33.878	27.223	29.608	31.963	36.584	85.37	0.000	1447.5	0
10	-0.059	-0.060	1.803	33.878	27.223	29.609	31.963	36.585	85.34	.009	1447.6	10
20	-0.602	-0.602	1.274	33.970	27.324	29.716	32.078	36.715	75.90	.017	1445.4	20
30	-0.966	-0.967	.923	34.107	27.449	29.845	32.212	36.859	64.03	.024	1444.1	30
40	-1.405	-1.406	.503	34.271	27.596	29.999	32.372	37.031	49.95	.029	1442.4	40
50	-1.551	-1.553	.371	34.390	27.697	30.102	32.477	37.138	40.38	.034	1442.1	50
60	-1.569	-1.571	.362	34.416	27.719	30.124	32.499	37.161	38.25	.039	1442.2	61
70	-1.568	-1.570	.372	34.430	27.730	30.134	32.509	37.172	37.16	.042	1442.4	71
80	-1.558	-1.560	.390	34.438	27.736	30.141	32.516	37.178	36.50	.045	1442.6	81
90	-1.550	-1.552	.406	34.447	27.743	30.148	32.523	37.184	35.77	.049	1442.8	91
100	-1.520	-1.523	.444	34.463	27.755	30.159	32.533	37.194	34.61	.052	1443.1	101
125	-1.466	-1.469	.519	34.477	27.765	30.168	32.541	37.200	33.60	.061	1443.8	126
150	-1.446	-1.450	.558	34.484	27.770	30.173	32.546	37.204	32.98	.069	1444.4	151
175	-1.459	-1.464	.565	34.508	27.790	30.193	32.566	37.225	30.97	.077	1444.7	177
200	-1.509	-1.514	.535	34.521	27.802	30.206	32.579	37.239	29.70	.085	1444.9	202
225	-1.576	-1.581	.488	34.531	27.812	30.216	32.591	37.253	28.62	.092	1445.1	227
250	-1.708	-1.714	.375	34.550	27.831	30.238	32.614	37.280	26.55	.099	1444.9	253
275	-1.824	-1.830	.280	34.569	27.850	30.258	32.637	37.306	24.57	.105	1444.8	279
300	-1.873	-1.880	.250	34.576	27.857	30.266	32.645	37.316	23.73	.111	1445.0	303
325	-1.893	-1.900	.250	34.586	27.865	30.275	32.654	37.325	22.77	.117	1445.3	328
350	-1.903	-1.911	.259	34.591	27.869	30.279	32.658	37.329	22.25	.123	1445.7	354
375	-1.901	-1.910	.280	34.591	27.869	30.279	32.658	37.329	22.11	.128	1446.1	379
385	-1.902	-1.911	.287	34.593	27.871	30.280	32.660	37.331	21.86	.131	1446.3	390

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN		
66	7.7S	147	2.6E	537	392	986.8	90	8	3.9	2	0	0	545	4JAN79	GL	79	2	206

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-0.04	-0.04	1.82	33.888	27.23	29.62							2	206
30	-0.80	-0.80	1.09	34.043	27.39	29.79							2	206
59	-1.56	-1.56	0.37	34.393	27.70	30.10							2	206
160	-1.41	-1.41	0.60	34.493	27.78	30.18							2	206
288	-1.84	-1.85	0.27	34.573	27.85	30.26							2	206
384	-1.90	-1.91	0.29	34.587	27.87	30.28							2	206

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.042	-0.042	1.813	33.876	27.223	29.606	31.960	36.582	85.56	0.000	1447.5	0
10	-0.057	-0.058	1.805	33.876	27.223	29.607	31.961	36.583	85.50	.009	1447.6	10
20	-0.439	-0.440	1.434	33.924	27.280	29.670	32.029	36.662	80.07	.017	1446.1	20
30	-0.786	-0.787	1.102	34.047	27.393	29.788	32.152	36.794	69.31	.024	1444.8	30
40	-1.116	-1.117	.786	34.166	27.502	29.901	32.270	36.921	58.91	.031	1443.6	40
50	-1.505	-1.506	.416	34.352	27.665	30.069	32.443	37.104	43.45	.036	1442.2	50
60	-1.567	-1.568	.364	34.407	27.711	30.116	32.491	37.153	39.00	.040	1442.2	61
70	-1.568	-1.569	.372	34.424	27.725	30.130	32.505	37.167	37.61	.044	1442.4	71
80	-1.563	-1.565	.385	34.431	27.731	30.135	32.510	37.172	37.03	.048	1442.6	81
90	-1.554	-1.556	.402	34.440	27.738	30.142	32.517	37.179	36.31	.051	1442.8	91
100	-1.528	-1.530	.436	34.458	27.751	30.155	32.529	37.190	34.99	.055	1443.1	101
125	-1.472	-1.475	.512	34.474	27.762	30.165	32.539	37.198	33.83	.063	1443.8	126
150	-1.420	-1.424	.584	34.489	27.773	30.175	32.548	37.205	32.73	.072	1444.5	151
175	-1.455	-1.459	.569	34.506	27.788	30.190	32.563	37.222	31.18	.080	1444.8	177
200	-1.489	-1.494	.555	34.517	27.798	30.201	32.575	37.234	30.11	.087	1445.0	202
225	-1.598	-1.603	.466	34.537	27.817	30.222	32.597	37.260	28.09	.095	1445.0	227
250	-1.670	-1.676	.413	34.549	27.829	30.236	32.612	37.276	26.74	.101	1445.1	253
275	-1.814	-1.821	.289	34.568	27.848	30.256	32.634	37.303	24.74	.108	1444.8	279
300	-1.870	-1.877	.253	34.576	27.857	30.266	32.645	37.315	23.75	.114	1445.0	303
325	-1.887	-1.894	.256	34.586	27.865	30.274	32.654	37.324	22.81	.120	1445.3	328
350	-1.901	-1.909	.261	34.589	27.868	30.278	32.657	37.328	22.35	.125	1445.7	354
375	-1.902	-1.911	.279	34.592	27.870	30.280	32.659	37.331	22.01	.131	1446.1	379
383	-1.901	-1.910	.286	34.592	27.870	30.280	32.659	37.331	21.96	.133	1446.2	387



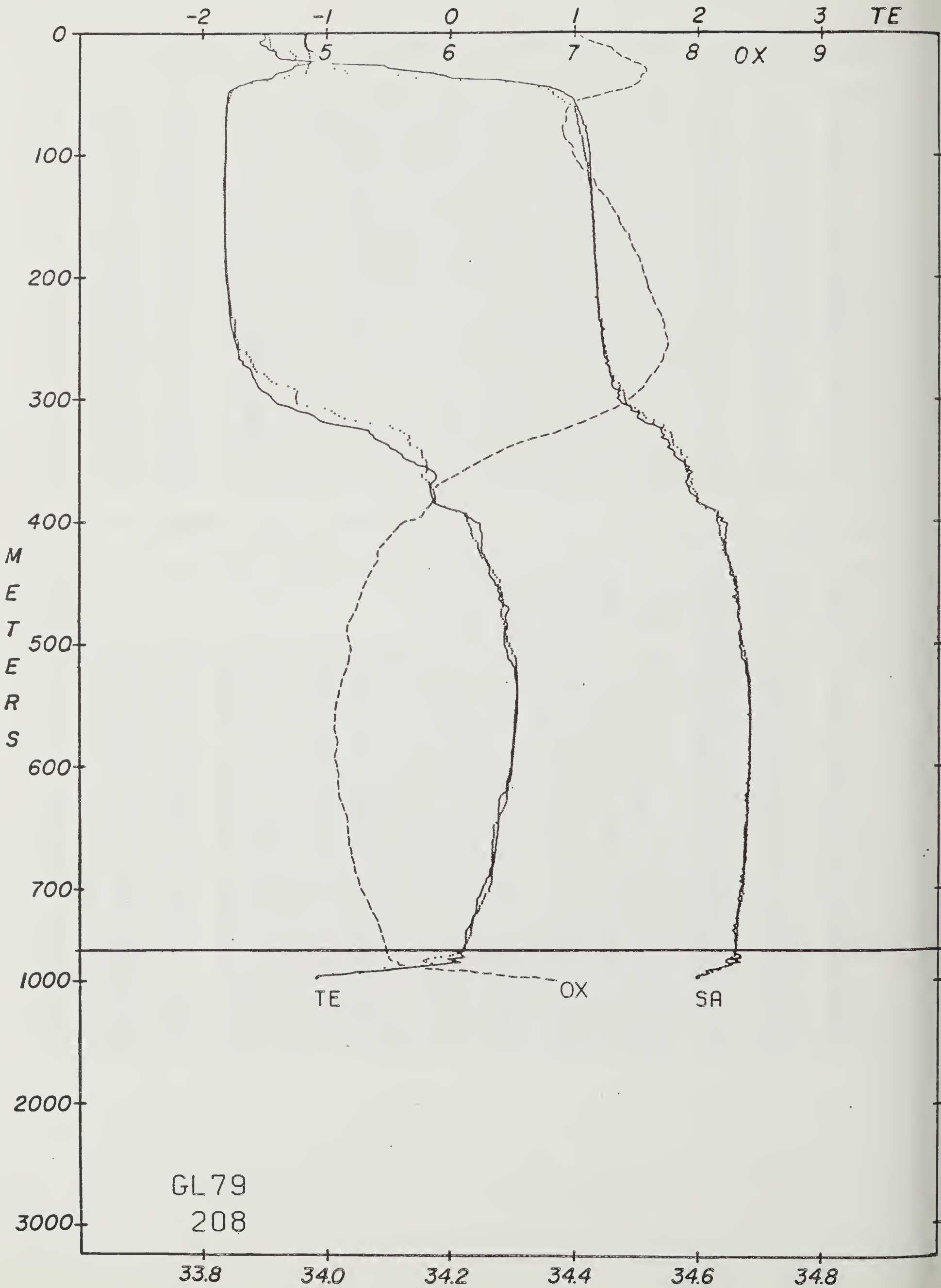
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
65 53.2N	146 51.4E	537	690	981.4	80	11	1.8	2		7	8	1118	4JAN79		GL	79	1	207

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.641	-1.641	1.209	33.790	27.180	29.573	31.937	36.577	89.60	0.000	1444.7	0
10	-1.645	-1.645	1.213	33.791	27.181	29.574	31.938	36.578	89.48	.009	1444.8	10
20	-1.814	-1.815	1.057	33.890	27.268	29.664	32.029	36.674	81.19	.017	1444.3	20
30	-1.551	-1.552	.350	34.290	27.616	30.021	32.396	37.059	48.15	.024	1441.6	30
40	-1.703	-1.704	.210	34.368	27.683	30.090	32.468	37.135	41.71	.028	1441.2	40
50	-1.794	-1.795	.129	34.398	27.710	30.119	32.497	37.167	39.10	.032	1440.9	50
60	-1.819	-1.821	.112	34.409	27.720	30.128	32.507	37.178	38.14	.036	1441.0	61
70	-1.924	-1.826	.115	34.412	27.722	30.131	32.510	37.181	37.81	.040	1441.1	71
80	-1.834	-1.835	.113	34.422	27.730	30.139	32.518	37.189	37.03	.044	1441.3	81
90	-1.844	-1.846	.111	34.424	27.732	30.142	32.521	37.192	36.76	.048	1441.4	91
100	-1.853	-1.855	.110	34.425	27.733	30.142	32.521	37.193	36.62	.051	1441.5	101
125	-1.849	-1.851	.133	34.428	27.735	30.145	32.524	37.195	36.23	.060	1442.0	126
150	-1.828	-1.832	.172	34.430	27.736	30.145	32.524	37.195	35.99	.069	1442.5	151
175	-1.828	-1.832	.192	34.433	27.739	30.148	32.527	37.197	35.62	.078	1442.9	177
200	-1.818	-1.822	.221	34.435	27.740	30.149	32.528	37.198	35.31	.087	1443.4	202
225	-1.774	-1.779	.284	34.439	27.743	30.151	32.529	37.198	35.00	.096	1444.0	227
250	-1.747	-1.753	.330	34.441	27.744	30.152	32.529	37.197	34.74	.105	1444.5	253
275	-1.573	-1.580	.524	34.459	27.754	30.159	32.534	37.196	33.80	.113	1445.8	278
300	-1.269	-1.277	.849	34.479	27.761	30.161	32.531	37.184	33.30	.122	1447.7	303
325	-1.927	-1.937	1.211	34.508	27.772	30.167	32.532	37.174	32.48	.130	1449.7	328
350	-1.649	-1.661	1.509	34.539	27.786	30.176	32.537	37.171	31.37	.138	1451.5	354
375	-1.584	-1.597	1.594	34.553	27.794	30.183	32.543	37.175	30.62	.146	1452.2	379
400	-1.550	-1.564	1.649	34.563	27.800	30.190	32.548	37.179	29.98	.153	1452.8	404
425	-1.478	-1.494	1.739	34.573	27.805	30.194	32.552	37.180	29.53	.161	1453.6	430
450	-1.381	-1.398	1.857	34.590	27.815	30.201	32.557	37.183	28.75	.168	1454.4	455
475	-1.153	-1.171	2.105	34.614	27.823	30.206	32.559	37.178	28.23	.175	1455.9	480
500	-1.144	-1.123	2.422	34.636	27.825	30.204	32.552	37.163	28.41	.182	1457.7	505
550	-1.164	-1.141	2.481	34.640	27.828	30.206	32.554	37.164	28.21	.196	1458.7	556
600	-1.985	-1.005	1.365	34.573	27.827	30.222	32.588	37.232	26.35	.210	1454.1	607
650	-1.388	-1.408	1.001	34.583	27.848	30.251	32.622	37.278	23.40	.222	1453.1	657
679	-1.550	-1.570	.861	34.577	27.848	30.253	32.627	37.288	22.93	.229	1452.8	687

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WIND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
65 53.2S	146 51.4E	537	690	980.7	70	15	1.3	2		0	0	1148	4JAN79		GL	79	2	207

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
8	-0.67	-0.67	1.19	33.812	27.20	29.59							2	207
168	-1.84	-1.84	0.17	34.432	27.74	30.15							2	207
358	-0.71	-0.72	1.46	34.542	27.79	30.18							2	207
518	0.13	0.11	2.42	34.657	27.84	30.22							2	207
662	-1.43	-1.45	0.97	34.580	27.85	30.25							2	207

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.664	-1.664	1.187	33.807	27.195	29.588	31.952	36.592	88.21	0.000	1444.6	0
10	-1.667	-1.668	1.191	33.806	27.194	29.588	31.951	36.592	88.26	.009	1444.7	10
20	-1.623	-1.623	1.245	33.831	27.212	29.605	31.968	36.607	86.49	.018	1445.1	20
30	-1.533	-1.534	.367	34.276	27.604	30.008	32.383	37.046	49.32	.024	1441.7	30
40	-1.666	-1.666	.246	34.333	27.654	30.061	32.438	37.104	44.49	.029	1441.3	40
50	-1.737	-1.739	.184	34.376	27.691	30.099	32.476	37.144	40.92	.033	1441.2	50
60	-1.765	-1.766	.165	34.387	27.700	30.108	32.486	37.155	39.97	.037	1441.2	61
70	-1.794	-1.795	.145	34.406	27.716	30.125	32.503	37.173	38.40	.041	1441.3	71
80	-1.807	-1.809	.139	34.417	27.726	30.135	32.513	37.183	37.42	.045	1441.4	81
90	-1.819	-1.821	.135	34.421	27.729	30.138	32.517	37.187	37.04	.049	1441.5	91
100	-1.829	-1.831	.133	34.423	27.731	30.140	32.519	37.190	36.77	.052	1441.6	101
125	-1.844	-1.846	.138	34.427	27.735	30.144	32.523	37.194	36.30	.062	1442.0	126
150	-1.848	-1.852	.152	34.429	27.736	30.146	32.525	37.196	35.99	.071	1442.4	151
175	-1.830	-1.834	.190	34.431	27.737	30.146	32.525	37.196	35.75	.080	1442.9	177
200	-1.813	-1.817	.226	34.434	27.739	30.148	32.527	37.197	35.41	.089	1443.4	202
225	-1.749	-1.755	.309	34.439	27.742	30.150	32.527	37.195	35.07	.097	1444.1	227
250	-1.679	-1.685	.399	34.446	27.746	30.152	32.529	37.195	34.63	.106	1444.9	253
275	-1.590	-1.597	.507	34.455	27.750	30.156	32.531	37.194	34.11	.115	1445.7	278
300	-1.377	-1.385	.740	34.474	27.760	30.162	32.534	37.190	33.29	.123	1447.2	303
325	-1.906	-1.916	1.232	34.512	27.774	30.169	32.533	37.175	32.28	.131	1449.8	328
350	-1.743	-1.755	1.415	34.529	27.781	30.174	32.535	37.172	31.67	.139	1451.0	354
375	-1.637	-1.650	1.541	34.540	27.786	30.177	32.537	37.170	31.29	.147	1451.9	379
400	-1.559	-1.573	1.639	34.558	27.797	30.186	32.545	37.176	30.33	.155	1452.7	404
425	-1.590	-1.605	1.627	34.568	27.807	30.196	32.556	37.188	29.29	.162	1453.0	430
450	-1.421	-1.437	1.817	34.586	27.813	30.200	32.557	37.184	28.82	.170	1454.3	455
475	-1.256	-1.274	2.002	34.604	27.820	30.205	32.559	37.181	28.38	.177	1455.5	480
500	-1.000	-1.021	2.277	34.624	27.824	30.205	32.555	37.170	28.37	.184	1457.1	505
550	-1.121	-1.143	2.194	34.624	27.830	30.213	32.565	37.183	27.59	.198	1457.3	556
600	-1.041	-1.061	1.310	34.580	27.834	30.231	32.597	37.243	25.57	.211	1453.9	607
650	-1.436	-1.455	.953	34.578	27.846	30.248	32.621	37.278	23.56	.223	1452.9	657
677	-1.550	-1.570	.859	34.577	27.848	30.253	32.627	37.288	22.94	.230	1452.8	685



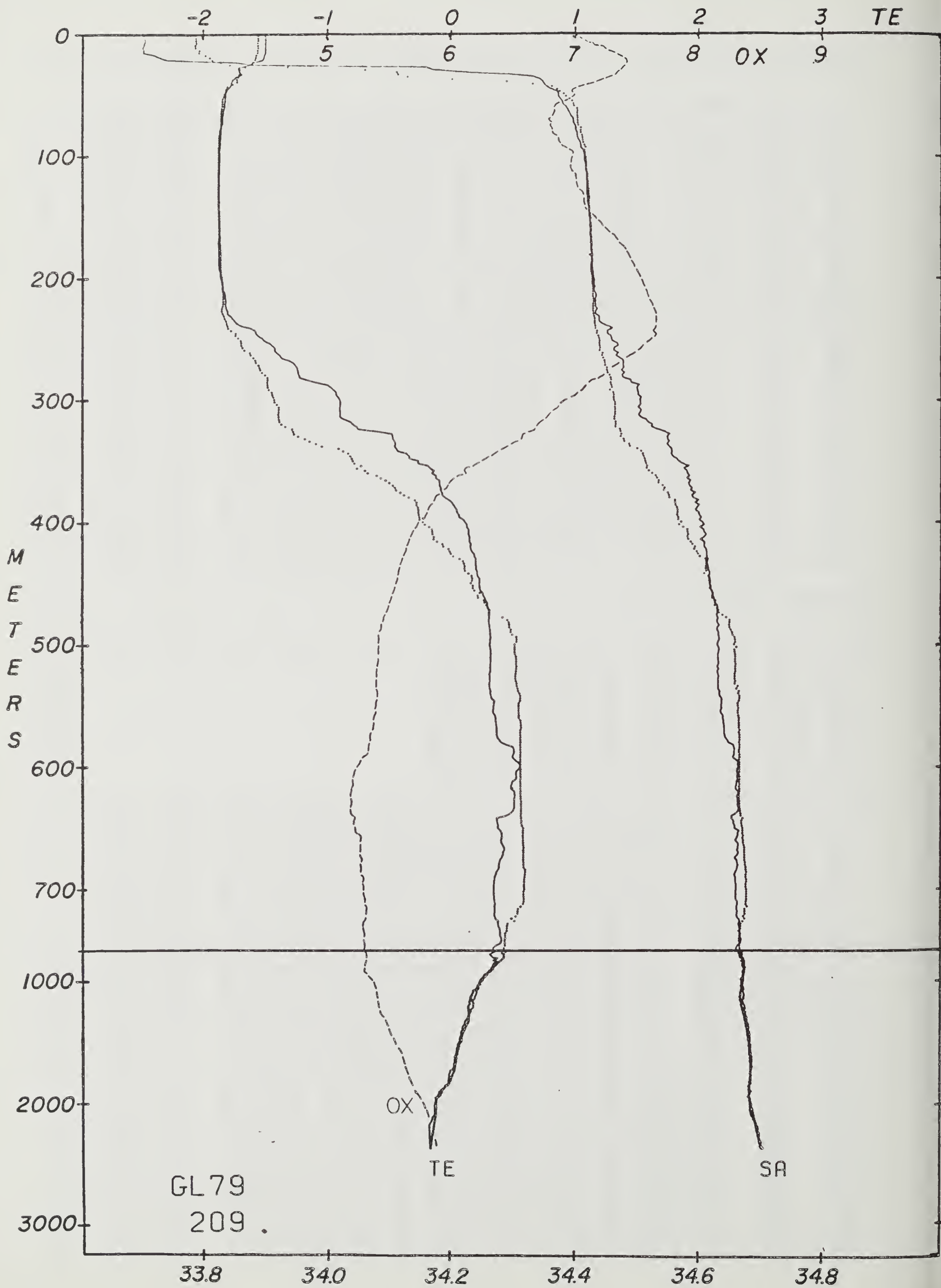
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
65 51.9S	146 40.1E	537	989	977.3	90	13	0.8	2		0	0	1430	4JAN79	GL	79	1	208	

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.171	-1.171	.686	33.898	27.287	29.688	32.059	36.714	79.50	0.000	1442.3	0
10	-1.182	-1.182	.681	33.893	27.283	29.685	32.056	36.711	79.76	.008	1442.4	10
20	-1.097	-1.097	.776	33.918	27.301	29.700	32.070	36.722	78.10	.016	1443.0	20
30	-1.296	-1.297	.595	34.106	27.459	29.961	32.233	36.890	63.01	.023	1442.5	30
40	-1.577	-1.578	.331	34.267	27.598	30.004	32.379	37.043	49.81	.029	1441.6	40
50	-1.798	-1.799	.124	34.383	27.698	30.106	32.485	37.155	40.27	.033	1440.9	50
60	-1.808	-1.809	.123	34.402	27.714	30.122	32.501	37.171	38.70	.037	1441.0	61
70	-1.813	-1.815	.125	34.410	27.720	30.129	32.508	37.178	38.00	.041	1441.2	71
80	-1.817	-1.819	.129	34.417	27.726	30.135	32.513	37.184	37.42	.045	1441.3	81
90	-1.821	-1.822	.134	34.422	27.730	30.138	32.517	37.188	37.00	.049	1441.5	91
100	-1.823	-1.825	.140	34.424	27.732	30.141	32.520	37.190	36.73	.052	1441.7	101
125	-1.823	-1.826	.158	34.426	27.733	30.142	32.521	37.191	36.45	.061	1442.1	126
150	-1.827	-1.830	.174	34.429	27.736	30.145	32.524	37.194	36.07	.070	1442.5	151
175	-1.822	-1.826	.198	34.432	27.738	30.147	32.526	37.196	35.70	.079	1442.9	177
200	-1.813	-1.818	.226	34.434	27.740	30.149	32.527	37.197	35.38	.088	1443.4	202
225	-1.790	-1.796	.268	34.437	27.742	30.150	32.528	37.198	35.06	.097	1443.9	227
250	-1.744	-1.750	.334	34.445	27.747	30.154	32.532	37.200	34.48	.106	1444.6	253
275	-1.611	-1.617	.486	34.457	27.753	30.158	32.534	37.197	33.90	.114	1445.6	278
300	-1.409	-1.417	.708	34.474	27.761	30.164	32.536	37.193	33.14	.123	1447.0	303
325	-.655	-.666	1.485	34.541	27.787	30.178	32.538	37.173	31.28	.131	1451.0	328
350	-.267	-.280	1.894	34.577	27.799	30.184	32.538	37.161	30.49	.138	1453.3	354
375	-.158	-.172	2.023	34.591	27.805	30.188	32.541	37.160	30.02	.146	1454.2	379
400	.237	.220	2.439	34.646	27.828	30.205	32.552	37.159	29.28	.153	1456.5	404
425	.276	.258	2.498	34.648	27.828	30.205	32.551	37.157	28.36	.160	1457.1	430
450	.378	.358	2.620	34.659	27.831	30.206	32.551	37.154	28.18	.167	1458.0	455
475	.442	.421	2.703	34.666	27.832	30.207	32.551	37.152	28.14	.174	1458.7	480
500	.452	.430	2.732	34.670	27.835	30.210	32.553	37.154	27.91	.181	1459.2	505
550	.537	.512	2.856	34.684	27.842	30.215	32.557	37.156	27.47	.195	1460.4	556
600	.485	.458	2.842	34.683	27.844	30.218	32.561	37.162	27.20	.209	1461.0	607
650	.376	.346	2.770	34.678	27.846	30.222	32.567	37.170	26.87	.222	1461.4	657
700	.218	.187	2.650	34.664	27.844	30.223	32.570	37.178	26.76	.236	1461.5	708
750	.103	.070	2.573	34.660	27.847	30.227	32.576	37.187	26.29	.249	1461.8	759
800	.112	.077	2.620	34.668	27.853	30.233	32.582	37.194	25.69	.262	1462.7	809
850	-.020	-.058	2.524	34.652	27.847	30.230	32.580	37.196	25.93	.275	1462.9	860
900	-.512	-.548	2.069	34.632	27.855	30.244	32.603	37.233	23.97	.287	1461.4	911
950	-1.052	-1.086	1.566	34.600	27.851	30.248	32.615	37.261	22.78	.299	1459.7	961
974	-1.099	-1.134	1.537	34.598	27.851	30.249	32.617	37.264	22.56	.305	1459.9	986

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
65 51.9S	146 40.1E	537	989	976.6	90	15	0.7	2		0	0	1515	4JAN79	GL	79	2	208	

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.19	-1.19	0.67	33.902	27.29	29.69							2	208
39	-1.36	-1.36	0.54	34.148	27.50	29.90							2	208
108	-1.83	-1.83	0.14	34.416	27.73	30.13							2	208
239	-1.74	-1.75	0.33	34.442	27.74	30.15							2	208
312	-0.81	-0.82	1.32	34.519	27.78	30.17							2	208
387	-0.04	-0.06	2.15	34.612	27.82	30.20							2	208
555	0.52	0.49	2.84	34.696	27.85	30.23							2	208
778	0.56	0.52	3.05	34.664	27.82	30.20							2	208
911	-0.49	-0.53	2.10	34.633	27.85	30.24							2	208
969	-1.08	-1.11	1.55	34.603	27.85	30.25							2	208

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.190	-1.190	.667	33.904	27.292	29.693	32.065	36.720	78.98	0.000	1442.3	0
10	-1.182	-1.182	.682	33.908	27.295	29.696	32.067	36.722	78.66	.008	1442.5	10
20	-1.145	-1.145	.730	33.947	27.326	29.726	32.097	36.750	75.71	.016	1442.9	20
30	-1.164	-1.164	.722	34.017	27.383	29.783	32.153	36.807	70.27	.023	1443.0	30
40	-1.493	-1.494	.412	34.220	27.557	29.962	32.336	36.999	53.55	.029	1441.9	40
50	-1.778	-1.779	.143	34.364	27.682	30.090	32.469	37.138	41.76	.034	1441.0	50
60	-1.811	-1.812	.119	34.394	27.707	30.116	32.495	37.165	39.33	.038	1441.0	61
70	-1.819	-1.821	.119	34.403	27.714	30.123	32.502	37.173	38.56	.042	1441.2	71
80	-1.820	-1.822	.126	34.407	27.718	30.127	32.506	37.176	38.17	.046	1441.3	81
90	-1.817	-1.819	.137	34.412	27.722	30.131	32.510	37.180	37.71	.049	1441.5	91
100	-1.816	-1.818	.146	34.416	27.725	30.134	32.513	37.183	37.37	.053	1441.7	101
125	-1.834	-1.837	.147	34.424	27.732	30.142	32.521	37.191	36.53	.062	1442.0	126
150	-1.828	-1.831	.173	34.428	27.735	30.144	32.523	37.194	36.11	.072	1442.5	151
175	-1.821	-1.825	.198	34.431	27.738	30.146	32.526	37.195	35.72	.080	1442.9	177
200	-1.804	-1.809	.235	34.435	27.740	30.149	32.527	37.197	35.34	.089	1443.4	202
225	-1.775	-1.780	.283	34.439	27.742	30.151	32.529	37.197	35.00	.098	1444.0	227
250	-1.722	-1.728	.355	34.444	27.745	30.153	32.530	37.197	34.63	.107	1444.7	253
275	-1.557	-1.564	.540	34.454	27.749	30.154	32.528	37.190	34.29	.115	1445.9	278
300	-1.241	-1.250	.876	34.483	27.762	30.162	32.532	37.184	33.18	.124	1447.8	303
325	-.369	-.381	1.771	34.554	27.785	30.171	32.527	37.153	31.74	.132	1452.4	328
350	-.196	-.209	1.965	34.579	27.797	30.181	32.534	37.154	30.78	.140	1453.6	354
375	-.128	-.143	2.053	34.597	27.808	30.191	32.544	37.162	29.73	.147	1454.4	379
400	.157	.141	2.360	34.634	27.823	30.201	32.549	37.159	28.68	.155	1456.1	404
425	.261	.243	2.483	34.646	27.827	30.204	32.551	37.157	28.38	.162	1457.0	430
450	.400	.381	2.642	34.662	27.822	30.207	32.551	37.154	28.13	.169	1458.1	455
475	.422	.401	2.683	34.665	27.833	30.208	32.552	37.154	28.06	.176	1458.6	480
500	.496	.473	2.776	34.673	27.835	30.209	32.552	37.152	27.98	.183	1459.4	505
550	.521	.496	2.840	34.684	27.842	30.216	32.559	37.158	27.37	.197	1460.4	556
600	.470	.443	2.827	34.682	27.844	30.219	32.562	37.163	27.18	.210	1461.0	607
650	.347	.318	2.741	34.675	27.845	30.222	32.567	37.171	26.88	.224	1461.2	657
700	.264	.233	2.696	34.670	27.846	30.224	32.571	37.177	26.66	.237	1461.7	708
750	.063	.030	2.532	34.658	27.848	30.229	32.578	37.191	26.11	.251	1461.6	759
800	-.053	-.088	2.454	34.654	27.850	30.233	32.584	37.200	25.62	.263	1461.9	809
850	-.155	-.191	2.390	34.649	27.852	30.236	32.589	37.208	25.21	.276	1462.2	860
900	-.492	-.529	2.089	34.632	27.854	30.243	32.601	37.231	24.08	.288	1461.5	911
950	-1.077	-1.111	1.541	34.599	27.851	30.249	32.616	37.263	22.69	.300	1459.6	961
970	-1.094	-1.128	1.539	34.597	27.850	30.248	32.615	37.263	22.69	.305	1459.9	982



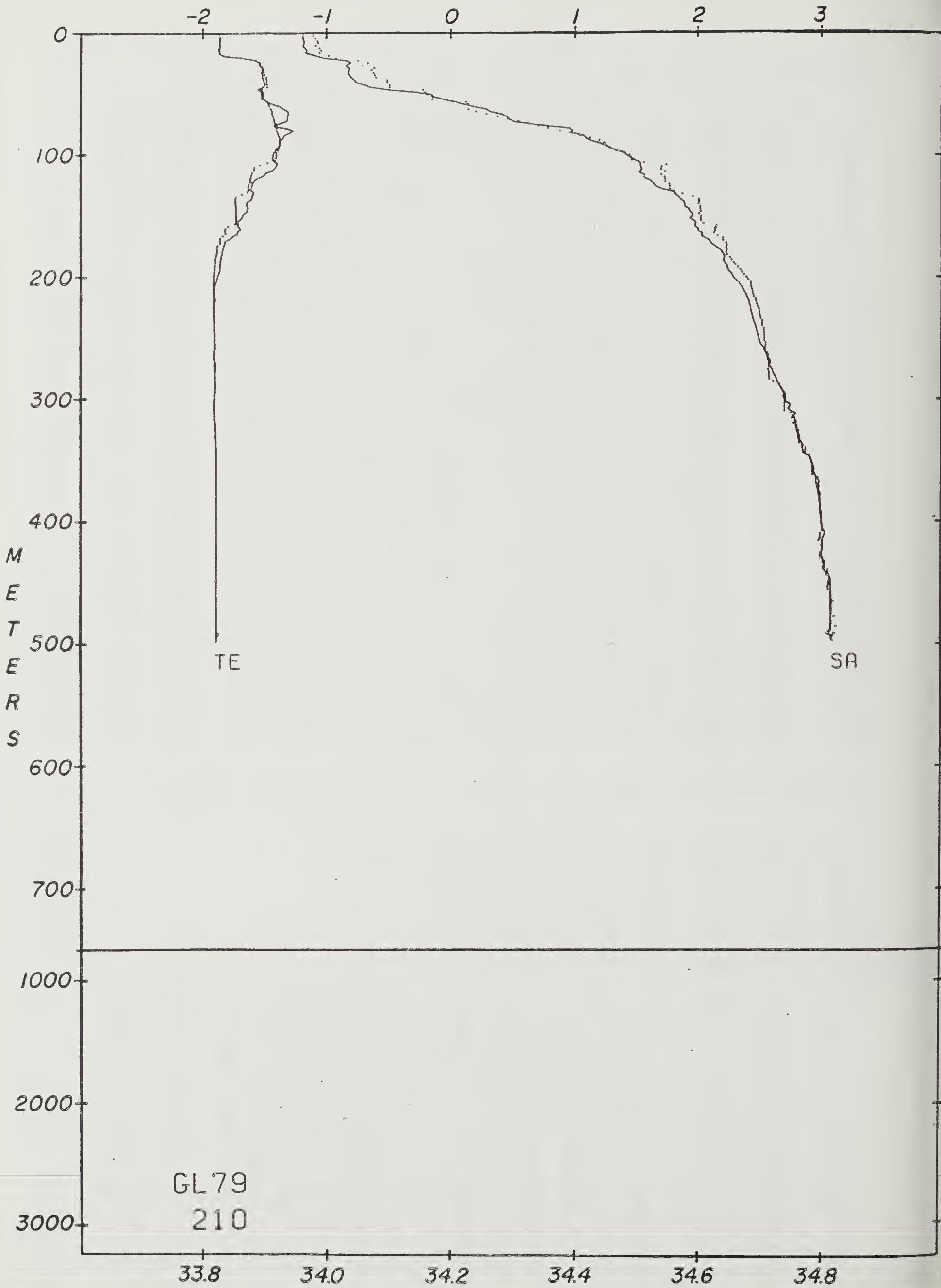
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 40.9S 146 32.6E 537 2372 971.9 90 17 0.6 2 0 0 2044 4JAN79 GL 79 1 209

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.485	-1.485	.360	33.703	27.138	29.545	31.922	36.588	93.56	0.000	1440.6	0
10	-1.485	-1.485	.368	33.704	27.139	29.546	31.923	36.589	93.43	.009	1440.8	10
20	-1.503	-1.504	.359	33.735	27.165	29.571	31.948	36.615	90.94	.019	1440.9	20
30	-1.696	-1.696	.200	34.184	27.534	29.942	32.320	36.988	55.90	.026	1440.8	30
40	-1.738	-1.739	.154	34.351	27.671	30.079	32.457	37.126	42.89	.031	1440.9	40
50	-1.805	-1.807	.116	34.376	27.692	30.101	32.480	37.150	40.80	.035	1440.8	50
60	-1.817	-1.819	.112	34.387	27.701	30.111	32.489	37.160	39.85	.039	1441.0	61
70	-1.832	-1.833	.106	34.399	27.711	30.121	32.500	37.170	38.84	.043	1441.1	71
80	-1.845	-1.847	.101	34.405	27.717	30.126	32.505	37.176	38.28	.047	1441.2	81
90	-1.851	-1.852	.103	34.411	27.722	30.131	32.511	37.182	37.73	.051	1441.3	91
100	-1.856	-1.858	.106	34.418	27.728	30.137	32.516	37.188	37.12	.054	1441.5	101
125	-1.859	-1.862	.122	34.422	27.731	30.140	32.520	37.191	36.64	.064	1441.9	126
150	-1.863	-1.866	.137	34.426	27.735	30.144	32.524	37.195	36.14	.073	1442.3	151
175	-1.861	-1.865	.158	34.430	27.737	30.147	32.526	37.198	35.75	.082	1442.7	177
200	-1.840	-1.844	.199	34.434	27.740	30.149	32.528	37.199	35.35	.091	1443.3	202
225	-1.793	-1.798	.265	34.438	27.742	30.151	32.529	37.199	35.00	.099	1443.9	227
250	-1.483	-1.490	.595	34.464	27.755	30.159	32.532	37.192	33.90	.108	1445.8	253
275	-1.224	-1.232	.974	34.480	27.760	30.159	32.529	37.180	33.53	.116	1447.5	278
300	-.886	-.896	1.233	34.509	27.771	30.165	32.529	37.170	32.71	.125	1449.5	303
325	-.480	-.491	1.661	34.555	27.791	30.179	32.537	37.165	31.12	.133	1451.9	328
350	-.202	-.215	1.959	34.583	27.801	30.185	32.538	37.159	30.39	.140	1453.6	354
375	-.033	-.047	2.148	34.593	27.800	30.181	32.532	37.148	30.63	.148	1454.8	379
400	.154	.138	2.355	34.608	27.802	30.181	32.529	37.139	30.58	.156	1456.1	404
425	.209	.191	2.429	34.617	27.807	30.185	32.532	37.140	30.25	.163	1456.8	429
450	.250	.231	2.490	34.623	27.809	30.186	32.533	37.140	30.07	.171	1457.4	455
475	.322	.301	2.581	34.633	27.813	30.190	32.535	37.140	29.79	.178	1458.1	480
500	.337	.315	2.615	34.636	27.814	30.190	32.536	37.141	29.71	.186	1458.6	505
550	.360	.336	2.676	34.640	27.816	30.192	32.538	37.142	29.56	.201	1459.6	556
600	.539	.511	2.895	34.665	27.827	30.200	32.543	37.141	28.92	.215	1461.2	607
650	.424	.394	2.818	34.664	27.832	30.208	32.552	37.154	28.22	.229	1461.6	657
700	.361	.330	2.793	34.664	27.836	30.212	32.557	37.161	27.83	.243	1462.1	708
750	.358	.324	2.828	34.668	27.840	30.216	32.561	37.166	27.49	.257	1462.9	759
800	.351	.314	2.859	34.670	27.841	30.218	32.563	37.168	27.36	.271	1463.7	809
850	.356	.317	2.902	34.673	27.843	30.221	32.566	37.170	27.17	.295	1464.6	860
900	.344	.301	2.928	34.676	27.847	30.224	32.569	37.174	26.87	.298	1465.4	911
950	.274	.229	2.896	34.674	27.849	30.228	32.574	37.181	26.46	.311	1465.9	961
1000	.246	.199	2.906	34.674	27.850	30.230	32.577	37.184	26.28	.325	1466.6	1012
1100	.214	.161	2.950	34.675	27.853	30.233	32.581	37.189	25.95	.351	1468.2	1114
1200	.195	.137	3.007	34.677	27.856	30.236	32.584	37.194	25.63	.377	1469.8	1215
1300	.138	.074	3.026	34.681	27.862	30.244	32.593	37.204	24.88	.402	1471.2	1317
1400	.093	.024	3.057	34.685	27.868	30.250	32.600	37.213	24.18	.426	1472.7	1418
1500	.065	-.011	3.105	34.687	27.871	30.254	32.604	37.218	23.75	.450	1474.3	1520
1600	.042	-.040	3.158	34.688	27.872	30.257	32.607	37.222	23.47	.474	1475.9	1622
1700	.024	-.064	3.216	34.687	27.873	30.258	32.609	37.224	23.30	.497	1477.5	1723
1800	-.010	-.104	3.258	34.686	27.874	30.260	32.611	37.228	22.99	.520	1479.0	1825
1900	-.073	-.174	3.270	34.685	27.876	30.263	32.616	37.234	22.44	.543	1480.4	1927
2000	-.123	-.230	3.296	34.686	27.880	30.268	32.621	37.241	21.77	.565	1481.9	2029
2100	-.144	-.257	3.352	34.692	27.885	30.274	32.628	37.249	21.06	.587	1483.6	2131
2200	-.166	-.286	3.406	34.699	27.892	30.282	32.636	37.258	20.24	.607	1485.2	2233
2300	-.161	-.289	3.488	34.703	27.895	30.285	32.640	37.261	19.91	.627	1486.9	2335
2334	-.157	-.287	3.518	34.705	27.897	30.287	32.641	37.262	19.80	.634	1487.6	2370

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
65 40.9S 146 32.6E 537 2372 971.9 90 20 0.6 2 0 0 2158 4JAN79 GL 79 2 209

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-1.55	-1.55	0.30	33.791	27.21	29.62						B	0	209
32	-1.69	-1.69	0.20	34.064	27.44	29.84							2	209
87	-1.86	-1.86	0.09	34.415	27.73	30.13							2	209
195	-1.84	-1.84	0.19	34.423	27.73	30.14							2	209
355	-0.68	-0.69	1.48	34.525	27.78	30.17							2	209
566	0.38	0.55	2.91	34.680	27.84	30.21							2	209
703	0.60	0.57	3.04	34.689	27.84	30.22							2	209
969	0.28	0.23	2.92	34.677	27.85	30.23							2	209
1607	0.05	-0.03	3.17	34.694	27.88	30.26							2	209
2171	-0.13	-0.25	3.42	34.708	27.90	30.29							2	209
2317	-0.15	-0.28	3.51	34.709	27.90	30.29							2	209

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.546	-1.546	.304	33.790	27.210	29.618	31.995	36.662	86.73	0.000	1440.4	0
10	-1.548	-1.548	.310	33.790	27.211	29.618	31.995	36.662	86.65	.009	1440.6	10
20	-1.567	-1.568	.299	33.814	27.231	29.638	32.016	36.683	84.69	.017	1440.7	20
30	-1.689	-1.689	.199	34.058	27.432	29.840	32.218	36.888	65.58	.025	1440.6	30
40	-1.726	-1.727	.183	34.290	27.621	30.029	32.407	37.075	47.62	.030	1440.9	40
50	-1.818	-1.819	.104	34.385	27.700	30.109	32.488	37.158	40.05	.035	1440.8	50
60	-1.840	-1.841	.091	34.403	27.715	30.124	32.504	37.174	38.57	.039	1440.9	61
70	-1.844	-1.845	.095	34.407	27.718	30.128	32.507	37.178	38.18	.043	1441.0	71
80	-1.854	-1.855	.093	34.412	27.723	30.132	32.512	37.183	37.69	.046	1441.2	81
90	-1.862	-1.864	.093	34.417	27.727	30.137	32.516	37.188	37.23	.050	1441.3	91
100	-1.865	-1.867	.097	34.420	27.729	30.139	32.518	37.190	36.95	.054	1441.5	101
125	-1.867	-1.870	.114	34.424	27.733	30.142	32.522	37.194	36.47	.063	1441.9	126
150	-1.857	-1.860	.144	34.427	27.735	30.145	32.524	37.195	36.10	.072	1442.3	151
175	-1.849	-1.853	.171	34.429	27.737	30.146	32.525	37.196	35.82	.081	1442.8	177
200	-1.835	-1.839	.204	34.431	27.737	30.146	32.526	37.196	35.60	.090	1443.3	202
225	-1.837	-1.842	.221	34.432	27.739	30.148	32.527	37.198	35.33	.099	1443.7	227
250	-1.682	-1.688	.396	34.443	27.743	30.150	32.526	37.192	34.87	.108	1444.8	253
275	-1.513	-1.520	.584	34.457	27.750	30.154	32.528	37.189	34.24	.116	1446.1	278
300	-1.402	-1.410	.715	34.467	27.755	30.157	32.529	37.187	33.73	.125	1447.0	303
325	-1.248	-1.257	.888	34.478	27.759	30.159	32.529	37.181	33.37	.133	1448.2	328
350	-.751	-.763	1.406	34.518	27.773	30.165	32.527	37.165	32.45	.141	1451.0	354
375	-.345	-.359	1.834	34.556	27.785	30.172	32.527	37.153	31.66	.149	1453.3	379

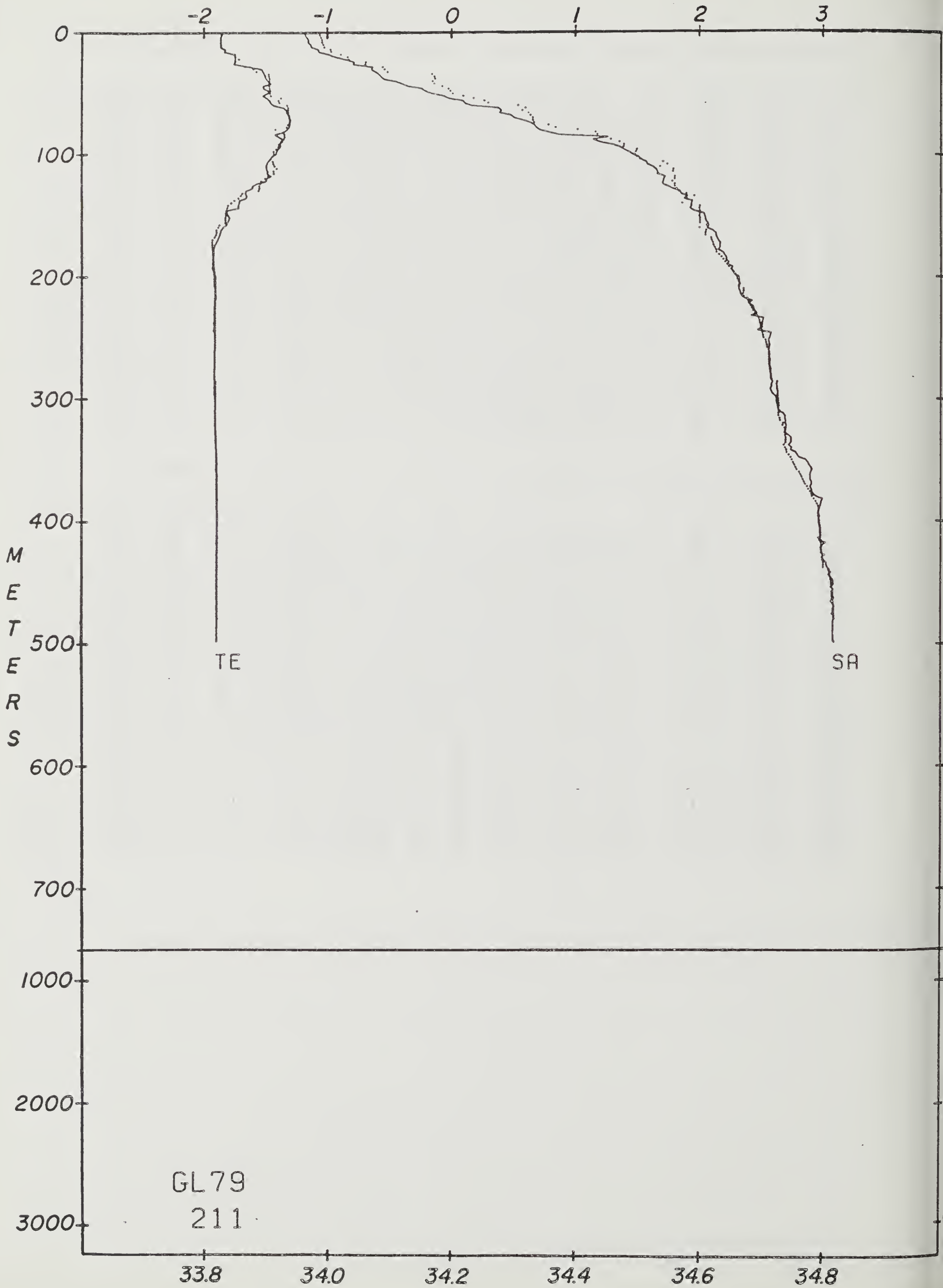


LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 45.9S	166 19.7E	571	499	987.8	170	7	-5.0	1	0	0	1500	10FEB79	GL	79	1	210

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.859	-1.859	.001	33.963	27.358	29.770	32.151	36.827	72.70	0.000	1439.2	0
10	-1.863	-1.863	.004	33.963	27.359	29.770	32.152	36.827	72.62	.007	1439.3	10
20	-1.683	-1.683	.195	34.005	27.388	29.797	32.176	36.845	69.74	.014	1440.4	20
30	-1.522	-1.522	.365	34.036	27.409	29.815	32.191	36.855	67.75	.021	1441.4	30
40	-1.500	-1.501	.395	34.053	27.422	29.827	32.203	36.866	66.46	.028	1441.7	40
50	-1.510	-1.511	.400	34.176	27.522	29.927	32.302	36.965	56.93	.034	1442.0	51
60	-1.370	-1.372	.551	34.238	27.568	29.971	32.343	37.001	52.55	.040	1442.9	61
70	-1.321	-1.323	.611	34.298	27.616	30.017	32.389	37.045	47.99	.045	1443.4	71
80	-1.293	-1.295	.653	34.396	27.694	30.095	32.465	37.120	40.54	.049	1443.8	81
90	-1.381	-1.383	.575	34.445	27.737	30.138	32.510	37.167	36.46	.053	1443.6	91
100	-1.437	-1.439	.529	34.489	27.773	30.176	32.549	37.206	32.92	.056	1443.6	101
125	-1.606	-1.609	.381	34.536	27.817	30.222	32.597	37.260	28.61	.064	1443.3	126
150	-1.694	-1.698	.316	34.591	27.863	30.270	32.646	37.311	24.06	.071	1443.3	152
175	-1.835	-1.839	.196	34.634	27.902	30.311	32.689	37.358	20.18	.076	1443.1	177
200	-1.889	-1.893	.163	34.662	27.927	30.336	32.715	37.385	17.73	.081	1443.4	202
225	-1.907	-1.912	.165	34.687	27.947	30.356	32.735	37.406	15.66	.085	1443.7	227
250	-1.901	-1.907	.191	34.701	27.958	30.367	32.746	37.417	14.44	.089	1444.2	253
275	-1.896	-1.902	.217	34.722	27.975	30.384	32.763	37.433	12.68	.092	1444.6	278
300	-1.909	-1.916	.223	34.745	27.994	30.404	32.782	37.453	10.73	.095	1445.0	303
325	-1.899	-1.907	.254	34.760	28.007	30.416	32.794	37.464	9.46	.098	1445.5	329
350	-1.892	-1.901	.281	34.786	28.027	30.436	32.815	37.484	7.38	.100	1446.0	354
375	-1.893	-1.902	.299	34.796	28.036	30.444	32.823	37.492	6.46	.102	1446.4	379
400	-1.893	-1.903	.319	34.801	28.040	30.448	32.827	37.496	5.95	.103	1446.9	405
425	-1.893	-1.903	.338	34.801	28.040	30.448	32.827	37.496	5.81	.105	1447.3	430
450	-1.895	-1.907	.355	34.815	28.051	30.460	32.838	37.507	4.60	.106	1447.7	455
475	-1.896	-1.908	.374	34.816	28.052	30.461	32.839	37.509	4.35	.107	1448.1	481
492	-1.896	-1.908	.387	34.818	28.053	30.462	32.840	37.510	4.14	.108	1448.4	498

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 45.9S	166 19.7E	571	499	987.8	170	8	-5.6	1	0	0	1626	10FEB79	GL	79	2	210

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.840	-1.840	.021	33.978	27.370	29.781	32.162	36.837	71.59	0.000	1439.3	0
10	-1.864	-1.864	.005	33.983	27.375	29.787	32.168	36.843	71.05	.007	1439.4	10
20	-1.683	-1.684	.195	34.024	27.403	29.812	32.190	36.860	68.31	.014	1440.4	20
30	-1.515	-1.515	.374	34.072	27.438	29.844	32.220	36.883	64.96	.021	1441.5	30
40	-1.483	-1.484	.415	34.098	27.458	29.863	32.238	36.901	63.03	.027	1441.8	40
50	-1.528	-1.530	.381	34.156	27.506	29.912	32.287	36.951	58.40	.033	1441.8	51
60	-1.458	-1.459	.463	34.232	27.566	29.971	32.344	37.005	52.68	.039	1442.5	61
70	-1.426	-1.427	.507	34.297	27.618	30.021	32.395	37.054	47.75	.044	1442.9	71
80	-1.396	-1.398	.549	34.381	27.685	30.088	32.460	37.117	41.36	.048	1443.3	81
90	-1.381	-1.384	.575	34.450	27.740	30.142	32.514	37.170	36.12	.052	1443.6	91
100	-1.409	-1.412	.557	34.490	27.773	30.175	32.548	37.205	32.93	.056	1443.7	101
125	-1.632	-1.635	.357	34.555	27.833	30.238	32.614	37.277	27.09	.063	1443.2	126
150	-1.728	-1.732	.282	34.606	27.877	30.283	32.660	37.326	22.80	.069	1443.2	152
175	-1.886	-1.890	.146	34.646	27.914	30.323	32.701	37.372	19.10	.075	1442.9	177
200	-1.916	-1.920	.138	34.683	27.944	30.353	32.732	37.404	16.07	.079	1443.3	202
225	-1.912	-1.917	.161	34.699	27.957	30.367	32.746	37.416	14.65	.083	1443.7	227
250	-1.908	-1.913	.185	34.709	27.965	30.374	32.753	37.424	13.81	.086	1444.2	253
275	-1.904	-1.910	.208	34.715	27.970	30.379	32.758	37.428	13.23	.090	1444.6	278
300	-1.909	-1.916	.224	34.740	27.990	30.399	32.778	37.449	11.12	.093	1445.0	303
325	-1.896	-1.904	.256	34.763	28.009	30.417	32.796	37.466	9.27	.095	1445.5	329
350	-1.892	-1.900	.281	34.784	28.026	30.434	32.813	37.482	7.53	.097	1446.0	354
375	-1.893	-1.902	.300	34.797	28.037	30.445	32.824	37.493	6.37	.099	1446.4	379
400	-1.893	-1.903	.319	34.800	28.039	30.447	32.826	37.495	6.02	.101	1446.9	405
425	-1.893	-1.903	.338	34.799	28.038	30.446	32.825	37.494	5.99	.102	1447.3	430
450	-1.895	-1.906	.355	34.810	28.047	30.456	32.834	37.503	4.98	.104	1447.7	455
475	-1.895	-1.907	.375	34.815	28.051	30.460	32.838	37.507	4.46	.105	1448.1	481
489	-1.894	-1.906	.386	34.815	28.051	30.460	32.838	37.507	4.39	.105	1448.4	495



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 45.9S	166 19.5E	571	500	988.2	170	5	-4.6	1		0	0	1744	10FEB79	GL	79	1	211

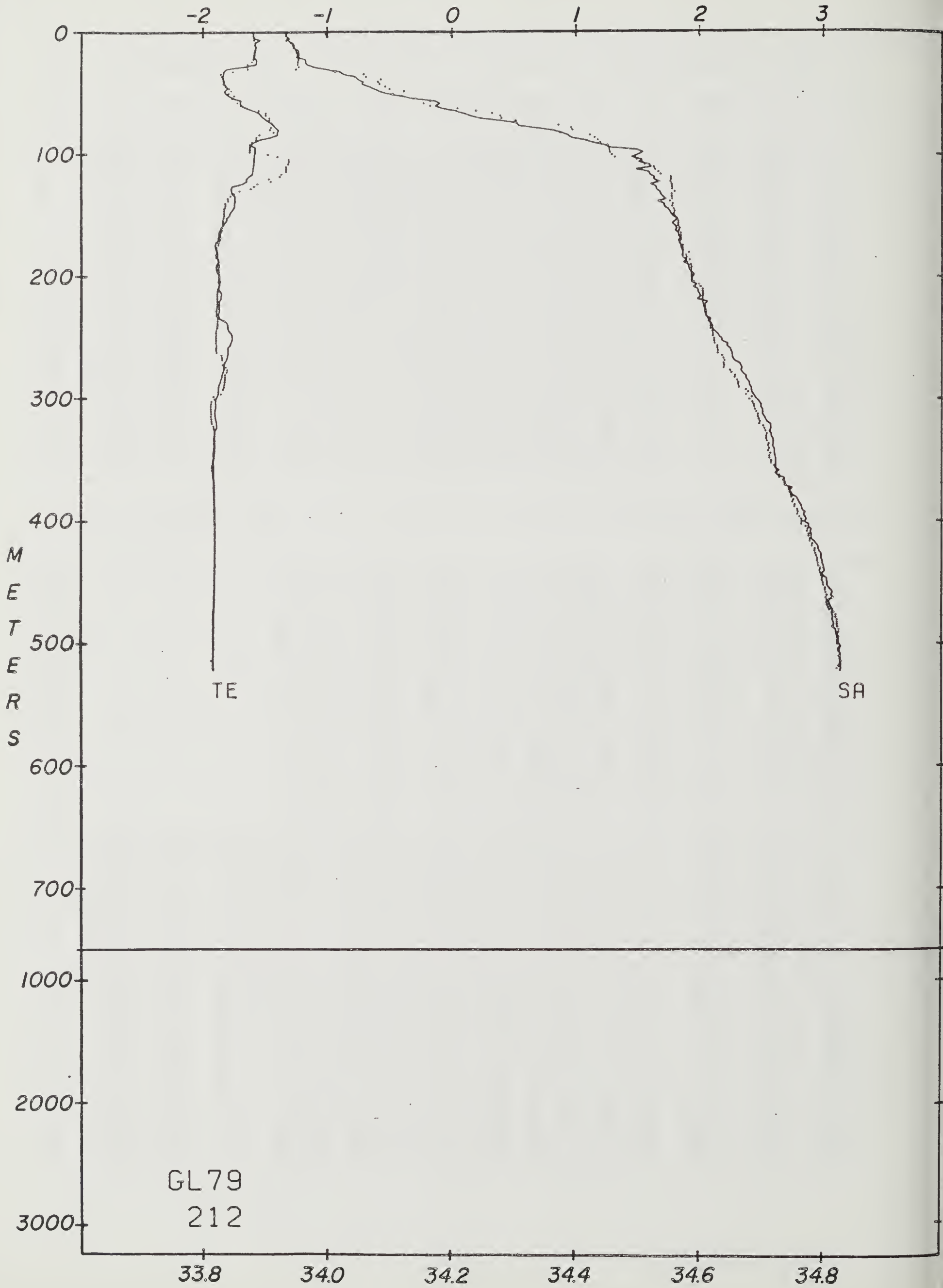
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.85	-1.85	0.01	33.979	27.37	29.78	8.85	72	1.56				1	211

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.853	-1.853	.007	33.964	27.359	29.771	32.152	36.827	72.63	0.000	1439.2	0
10	-1.867	-1.867	.002	33.972	27.366	29.778	32.159	36.835	71.89	.007	1439.3	10
20	-1.750	-1.750	.128	34.015	27.398	29.808	32.187	36.859	68.81	.014	1440.1	20
30	-1.532	-1.532	.358	34.074	27.440	29.846	32.222	36.886	64.78	.021	1441.4	30
40	-1.471	-1.472	.428	34.113	27.470	29.874	32.249	36.911	61.93	.027	1441.9	40
50	-1.501	-1.502	.409	34.177	27.523	29.928	32.303	36.965	56.86	.033	1442.0	51
60	-1.410	-1.411	.512	34.249	27.579	29.982	32.355	37.014	51.54	.039	1442.7	61
70	-1.305	-1.306	.628	34.308	27.623	30.024	32.396	37.051	47.31	.044	1443.4	71
80	-1.340	-1.342	.603	34.349	27.658	30.059	32.431	37.087	43.99	.048	1443.5	81
90	-1.378	-1.381	.578	34.450	27.740	30.142	32.514	37.170	36.12	.052	1443.6	91
100	-1.430	-1.433	.537	34.497	27.780	30.182	32.555	37.212	32.31	.056	1443.6	101
125	-1.604	-1.607	.384	34.551	27.829	30.234	32.609	37.271	27.52	.063	1443.3	126
150	-1.798	-1.801	.213	34.611	27.883	30.291	32.668	37.336	22.19	.069	1442.9	152
175	-1.920	-1.923	.112	34.636	27.906	30.315	32.695	37.366	19.81	.075	1442.8	177
200	-1.904	-1.909	.148	34.666	27.930	30.339	32.718	37.389	17.38	.079	1443.3	202
225	-1.914	-1.919	.158	34.691	27.951	30.360	32.739	37.410	15.28	.083	1443.7	227
250	-1.910	-1.916	.183	34.713	27.968	30.377	32.757	37.427	13.50	.087	1444.2	253
275	-1.913	-1.919	.199	34.716	27.971	30.380	32.759	37.430	13.08	.090	1444.6	278
300	-1.904	-1.911	.228	34.727	27.980	30.389	32.768	37.438	12.14	.093	1445.0	303
325	-1.902	-1.910	.249	34.742	27.992	30.401	32.780	37.450	10.82	.096	1445.5	329
350	-1.891	-1.900	.281	34.779	28.021	30.430	32.809	37.478	7.94	.099	1446.0	354
375	-1.890	-1.899	.302	34.789	28.029	30.438	32.816	37.486	7.05	.100	1446.4	379
400	-1.891	-1.901	.321	34.796	28.036	30.444	32.823	37.492	6.31	.102	1446.9	405
425	-1.892	-1.903	.339	34.802	28.041	30.449	32.828	37.497	5.71	.104	1447.3	430
450	-1.893	-1.905	.357	34.817	28.053	30.461	32.840	37.509	4.44	.105	1447.7	455
475	-1.893	-1.905	.376	34.819	28.054	30.463	32.841	37.510	4.18	.106	1448.1	481
493	-1.895	-1.907	.389	34.820	28.055	30.464	32.842	37.511	3.99	.107	1448.4	499

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 45.9S	166 19.5E	571	500	988.8	170	15	-3.9	1		0	0	1854	10FEB79	GL	79	2	211

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
9	-1.85	-1.85	0.02	34.002	27.39	29.80	8.66	72	1.53				2	211
13	-1.84	-1.84	0.03	34.002	27.39	29.80	8.67	72	1.62				2	211
20	-1.78	-1.78	0.10	34.015	27.40	29.81	8.80	72	1.73				2	211
54	-1.47	-1.47	0.45	34.209	27.55	29.95	8.49	73	1.81				2	211
76	-1.32	-1.32	0.62	34.351	27.66	30.06	9.26	73	1.66				2	211
105	-1.45	-1.45	0.52	34.521	27.80	30.20	7.51	74	1.38				2	211
130	-1.69	-1.69	0.30	34.585	27.86	30.27	7.06	73	1.99				2	211
156	-1.86	-1.86	0.16	34.610	27.88	30.29	7.09	74	2.00				2	211
181	-1.93	-1.93	0.11	34.637	27.91	30.32	7.01	72	2.17				2	211
206	-1.91	-1.91	0.15	34.671	27.93	30.34	6.80	72	2.08				2	211
232	-1.91	-1.92	0.17	34.685	27.95	30.35	6.81	73	2.16				2	211
283	-1.91	-1.92	0.21	34.717	27.97	30.38	6.78	73	2.29				2	211
308	-1.91	-1.92	0.23	34.729	27.98	30.39	6.89	73	2.34			D4	2	211
334	-1.90	-1.91	0.26	34.743	27.99	30.40	6.77	74	2.30			C1	2	211
359	-1.90	-1.91	0.28	34.781	28.02	30.43	6.91	73	2.04				2	211
385	-1.89	-1.90	0.31	34.787	28.03	30.44	6.93	73	2.04				2	211
410	-1.89	-1.90	0.33	34.799	28.04	30.45	6.85	73	2.05				2	211
435	-1.89	-1.90	0.35	34.802	28.04	30.45	6.87	73	2.10				2	211
461	-1.89	-1.90	0.37	34.804	28.04	30.45	6.91	74	2.36			D4	2	211
494	-1.89	-1.90	0.39	34.819	28.05	30.46	7.00	74	2.39				2	211

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.853	-1.853	.008	33.987	27.378	29.789	32.170	36.845	70.87	0.000	1439.2	0
10	-1.867	-1.867	.003	33.994	27.384	29.795	32.176	36.852	70.26	.007	1439.4	10
20	-1.746	-1.746	.133	34.033	27.412	29.822	32.201	36.872	67.47	.014	1440.2	20
30	-1.608	-1.609	.282	34.085	27.451	29.858	32.235	36.902	63.72	.021	1441.0	30
40	-1.472	-1.473	.430	34.169	27.516	29.920	32.295	36.957	57.57	.027	1442.0	40
50	-1.463	-1.464	.449	34.208	27.547	29.951	32.325	36.986	54.57	.032	1442.2	51
60	-1.333	-1.334	.592	34.303	27.620	30.021	32.393	37.050	47.66	.037	1443.1	61
70	-1.309	-1.311	.626	34.332	27.643	30.044	32.415	37.071	45.44	.042	1443.5	71
80	-1.369	-1.371	.577	34.415	27.712	30.114	32.485	37.142	39.87	.046	1443.5	81
90	-1.380	-1.382	.578	34.477	27.762	30.164	32.536	37.192	34.05	.050	1443.7	91
100	-1.439	-1.441	.528	34.498	27.781	30.184	32.556	37.214	32.18	.053	1443.6	101
125	-1.557	-1.560	.433	34.562	27.836	30.240	32.614	37.275	26.82	.060	1443.5	126
150	-1.826	-1.829	.185	34.602	27.876	30.284	32.663	37.331	22.82	.067	1442.7	152
175	-1.932	-1.935	.099	34.627	27.899	30.309	32.689	37.361	20.43	.072	1442.7	177
200	-1.914	-1.919	.138	34.664	27.929	30.338	32.717	37.388	17.50	.077	1443.2	202
225	-1.910	-1.915	.162	34.688	27.948	30.357	32.736	37.407	15.57	.081	1443.7	227
250	-1.909	-1.914	.184	34.708	27.964	30.373	32.753	37.423	13.86	.085	1444.2	253
275	-1.914	-1.920	.198	34.716	27.971	30.380	32.759	37.429	13.13	.088	1444.6	278
300	-1.908	-1.915	.224	34.729	27.982	30.391	32.770	37.440	11.95	.091	1445.0	303
325	-1.902	-1.910	.249	34.739	27.989	30.398	32.777	37.447	11.08	.094	1445.5	329
350	-1.897	-1.905	.274	34.755	28.002	30.411	32.790	37.459	9.74	.097	1445.9	354
375	-1.894	-1.903	.298	34.784	28.025	30.434	32.813	37.482	7.42	.099	1446.4	379
400	-1.891	-1.901	.320	34.797	28.036	30.445	32.824	37.493	6.24	.100	1446.9	405
425	-1.892	-1.903	.339	34.801	28.039	30.448	32.826	37.496	5.83	.102	1447.3	430
450	-1.893	-1.905	.357	34.816	28.052	30.460	32.839	37.508	4.53	.103	1447.7	455
475	-1.891	-1.903	.379	34.820	28.055	30.463	32.842	37.511	4.11	.104	1448.1	480



LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
77 41.45	165 28.3E	571	528	993.2	90	15	-4.3	2		0	15	1302	11FEB79	GL	79	1	212	

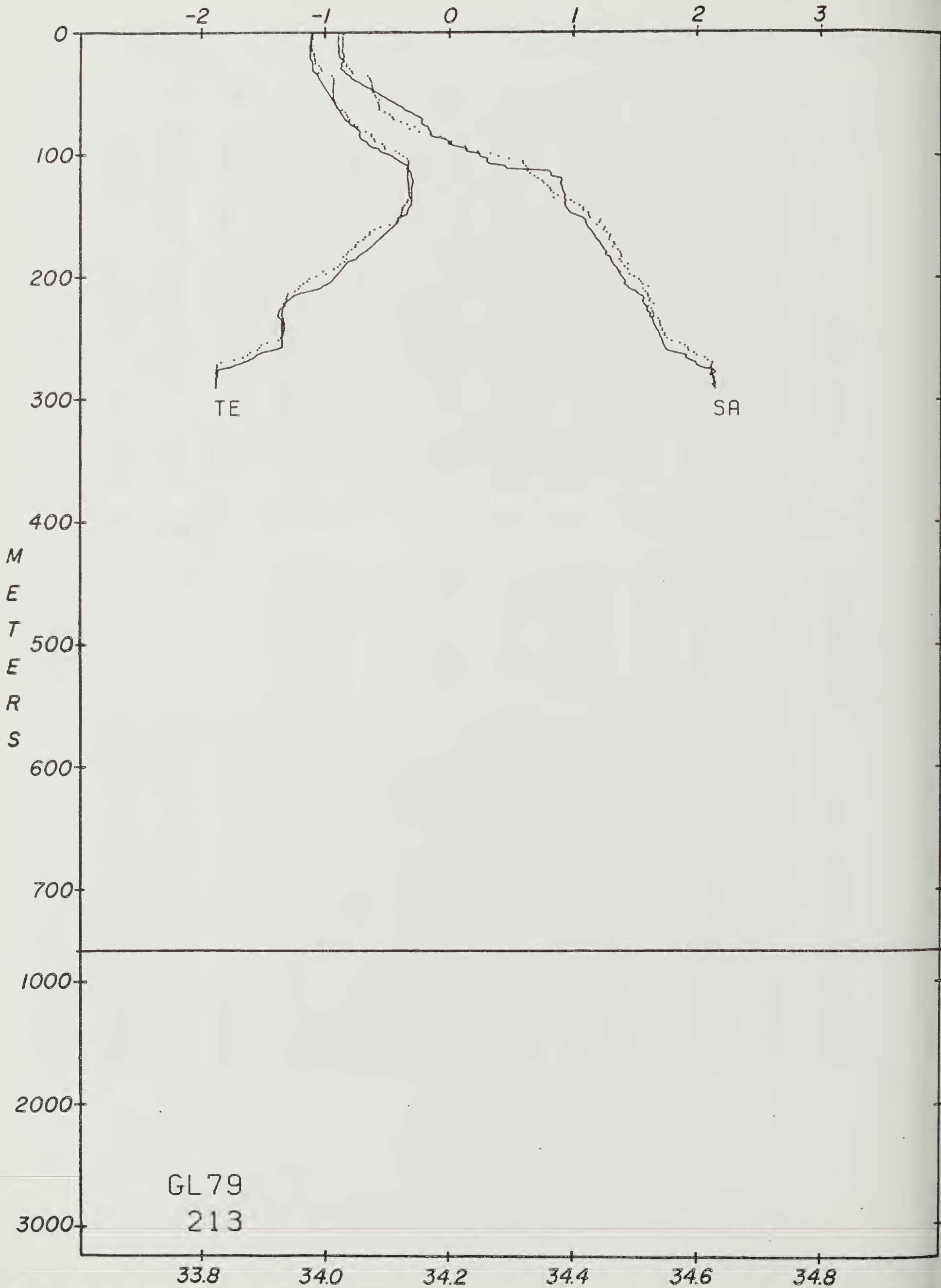
DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
1	-1.58	-1.58	0.28	33.891	27.29	29.70	8.73	69	1.33				1	212

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.580	-1.580	.278	33.938	27.331	29.738	32.116	36.783	75.27	0.000	1440.5	0
10	-1.566	-1.566	.301	33.948	27.339	29.745	32.123	36.789	74.51	.007	1440.7	10
20	-1.573	-1.573	.302	33.959	27.348	29.755	32.132	36.798	73.59	.015	1440.9	20
30	-1.681	-1.682	.203	33.987	27.374	29.783	32.161	36.830	71.06	.022	1440.6	30
40	-1.820	-1.820	.076	34.054	27.431	29.841	32.222	36.895	65.55	.029	1440.2	40
50	-1.804	-1.805	.102	34.095	27.464	29.874	32.254	36.927	62.37	.035	1440.5	51
60	-1.676	-1.677	.242	34.180	27.530	29.938	32.316	36.983	56.05	.041	1441.4	61
70	-1.508	-1.510	.421	34.240	27.574	29.979	32.353	37.015	51.93	.047	1442.4	71
80	-1.391	-1.393	.532	34.348	27.658	30.061	32.433	37.091	43.89	.051	1443.3	81
90	-1.551	-1.553	.404	34.425	27.725	30.130	32.505	37.167	37.47	.056	1442.8	91
100	-1.570	-1.572	.398	34.508	27.793	30.198	32.572	37.234	31.02	.059	1443.0	101
125	-1.683	-1.686	.304	34.531	27.815	30.221	32.598	37.262	28.78	.066	1442.9	126
150	-1.772	-1.775	.236	34.562	27.842	30.250	32.627	37.295	26.01	.073	1442.9	152
175	-1.883	-1.887	.145	34.576	27.856	30.265	32.645	37.316	24.51	.080	1442.8	177
200	-1.846	-1.850	.202	34.592	27.869	30.278	32.656	37.326	23.18	.086	1443.5	202
225	-1.849	-1.854	.219	34.612	27.885	30.294	32.672	37.342	21.50	.091	1443.9	227
250	-1.746	-1.752	.343	34.642	27.906	30.313	32.690	37.356	19.44	.096	1444.8	253
275	-1.315	-1.822	.294	34.674	27.934	30.342	32.720	37.388	16.60	.101	1445.0	278
300	-1.879	-1.886	.251	34.701	27.958	30.367	32.745	37.415	14.22	.105	1445.1	303
325	-1.884	-1.892	.266	34.719	27.972	30.381	32.760	37.430	12.70	.108	1445.5	329
350	-1.897	-1.905	.273	34.729	27.981	30.390	32.768	37.438	11.75	.111	1445.9	354
375	-1.894	-1.903	.276	34.755	28.002	30.411	32.789	37.459	9.62	.114	1446.4	379
400	-1.884	-1.894	.327	34.781	28.023	30.432	32.810	37.479	7.50	.116	1446.9	405
425	-1.886	-1.896	.345	34.801	28.039	30.447	32.826	37.495	5.87	.118	1447.3	430
450	-1.889	-1.900	.362	34.814	28.050	30.458	32.836	37.506	4.74	.119	1447.7	455
475	-1.894	-1.906	.376	34.820	28.055	30.464	32.842	37.511	4.08	.120	1448.1	480
500	-1.896	-1.908	.394	34.833	28.065	30.474	32.852	37.521	3.00	.121	1448.6	506
518	-1.897	-1.910	.407	34.833	28.065	30.474	32.852	37.522	2.86	.121	1448.9	524

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMON	NYR	SH	CR	M	STN
77 41.45	165 28.3E	571	528	993.2	100	18	-1.9	2		0	0	1357	11FEB79	GL	79	2	212	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
27	-1.60	-1.60	0.28	33.958	27.35	29.76	8.70	70	1.55				2	212
103	-1.57	-1.57	0.40	34.463	27.76	30.16	7.69	72	2.31				2	212
151	-1.81	-1.81	0.20	34.565	27.85	30.25	7.17	73	2.09				2	212
203	-1.85	-1.85	0.20	34.596	27.87	30.28	7.06	73	2.17				2	212
279	-1.79	-1.80	0.32	34.648	27.91	30.32	6.61	74	2.30				2	212
322	-1.90	-1.91	0.25	34.705	27.96	30.37	6.75	73	2.28				2	212
359	-1.91	-1.92	0.27	34.730	27.98	30.39	6.55	73	2.16				2	212
406	-1.88	-1.89	0.33	34.776	28.02	30.43	6.63	73	2.41				2	212
449	-1.89	-1.90	0.36	34.808	28.05	30.45	6.66	73	2.05				2	212
505	-1.90	-1.91	0.39	34.836	28.07	30.48	6.74	74	2.07				2	212

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.580	-1.580	.279	33.936	27.330	29.737	32.114	36.781	75.43	0.000	1440.5	0
10	-1.566	-1.566	.300	33.944	27.336	29.743	32.120	36.787	74.75	.008	1440.7	10
20	-1.573	-1.574	.301	33.956	27.346	29.752	32.130	36.796	73.80	.015	1440.9	20
30	-1.633	-1.633	.250	33.960	27.351	29.759	32.137	36.805	73.24	.022	1440.7	30
40	-1.816	-1.817	.081	34.086	27.457	29.867	32.248	36.921	63.10	.029	1440.2	40
50	-1.759	-1.760	.148	34.119	27.483	29.892	32.271	36.942	60.62	.035	1440.7	51
60	-1.686	-1.688	.230	34.161	27.515	29.923	32.301	36.969	57.51	.041	1441.3	61
70	-1.465	-1.466	.466	34.276	27.602	30.006	32.380	37.040	49.25	.047	1442.6	71
80	-1.436	-1.438	.509	34.391	27.695	30.097	32.471	37.129	40.46	.051	1443.1	81
90	-1.576	-1.578	.380	34.441	27.739	30.144	32.519	37.181	36.20	.055	1442.7	91
100	-1.549	-1.552	.415	34.462	27.756	30.160	32.534	37.196	34.57	.058	1443.0	101
125	-1.549	-1.552	.440	34.561	27.835	30.239	32.613	37.274	26.91	.066	1443.6	126
150	-1.812	-1.815	.196	34.565	27.846	30.254	32.632	37.301	25.67	.073	1442.7	152
175	-1.865	-1.869	.163	34.577	27.857	30.266	32.645	37.315	24.44	.079	1442.9	177
200	-1.850	-1.855	.198	34.593	27.869	30.278	32.657	37.326	23.16	.085	1443.4	202
225	-1.867	-1.873	.201	34.614	27.887	30.295	32.675	37.344	21.33	.090	1443.8	227
250	-1.875	-1.881	.213	34.629	27.899	30.308	32.687	37.357	20.01	.096	1444.2	253
275	-1.784	-1.791	.324	34.654	27.918	30.325	32.703	37.369	18.21	.100	1445.1	278
300	-1.897	-1.904	.233	34.689	27.948	30.357	32.736	37.407	15.09	.105	1445.0	303
325	-1.886	-1.894	.263	34.712	27.967	30.376	32.755	37.425	13.16	.108	1445.5	329
350	-1.903	-1.911	.267	34.723	27.976	30.385	32.764	37.434	12.19	.111	1445.9	354
375	-1.888	-1.897	.302	34.752	28.000	30.408	32.787	37.457	9.84	.114	1446.4	379
400	-1.883	-1.893	.327	34.774	28.017	30.426	32.804	37.473	8.07	.116	1446.9	405
425	-1.883	-1.894	.347	34.794	28.034	30.442	32.820	37.489	6.38	.118	1447.3	430
450	-1.885	-1.896	.365	34.808	28.045	30.453	32.832	37.500	5.20	.119	1447.7	455
475	-1.897	-1.909	.373	34.827	28.061	30.469	32.848	37.517	3.56	.121	1448.1	480
500	-1.897	-1.910	.392	34.833	28.065	30.474	32.852	37.522	2.99	.121	1448.6	506
516	-1.897	-1.910	.404	34.828	28.061	30.470	32.849	37.518	3.24	.122	1448.8	522



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 33.1S	164 53.8E	571	296	993.2	110	15	-4.1	0	3	20	1525	11FEB79	GL	79	1	213

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.11	-1.11	0.75	34.033	27.39	29.79							1	213

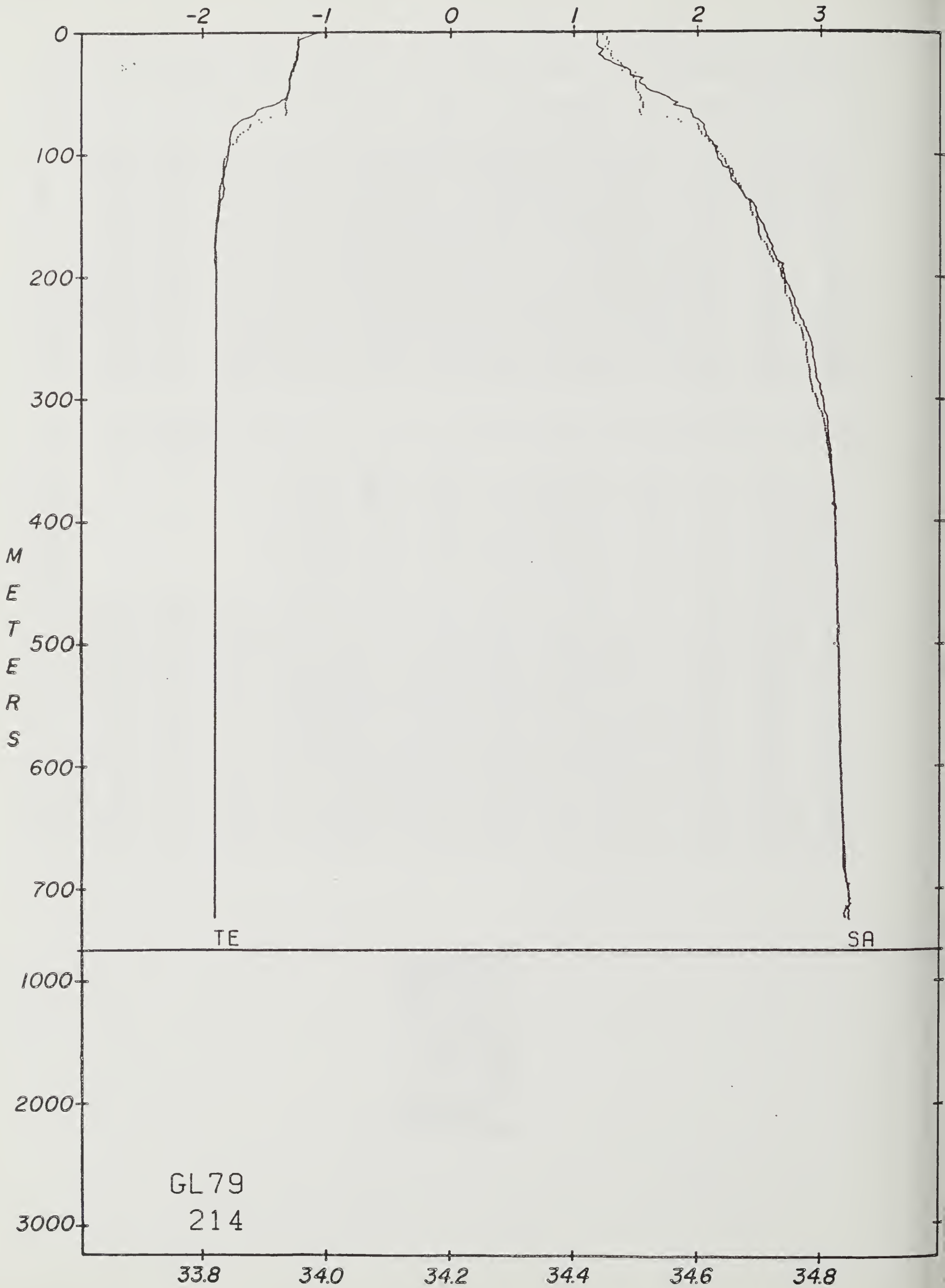
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.111	-1.111	.753	34.023	27.386	29.785	32.155	36.807	70.10	0.000	1442.8	0
10	-1.111	-1.111	.760	34.023	27.386	29.785	32.155	36.807	70.05	.007	1443.0	10
20	-1.115	-1.116	.764	34.025	27.388	29.787	32.157	36.809	69.83	.014	1443.1	20
30	-1.094	-1.094	.793	34.029	27.390	29.789	32.159	36.810	69.55	.021	1443.4	30
40	-1.028	-1.029	.868	34.052	27.406	29.805	32.172	36.822	67.99	.028	1443.9	40
50	-.965	-.966	.940	34.086	27.432	29.829	32.196	36.843	65.55	.035	1444.4	51
60	-.902	-.903	1.013	34.120	27.457	29.853	32.219	36.864	63.11	.041	1444.9	61
70	-.838	-.840	1.086	34.154	27.482	29.876	32.242	36.884	60.74	.047	1445.4	71
80	-.723	-.725	1.210	34.171	27.491	29.884	32.247	36.886	59.90	.053	1446.1	81
90	-.654	-.656	1.288	34.200	27.512	29.903	32.265	36.902	57.92	.059	1446.7	91
100	-.471	-.474	1.482	34.250	27.545	29.933	32.292	36.923	54.82	.065	1447.7	101
125	-.294	-.298	1.685	34.383	27.644	30.029	32.385	37.009	45.44	.077	1449.2	126
150	-.379	-.385	1.620	34.413	27.672	30.058	32.415	37.042	42.75	.088	1449.2	152
175	-.631	-.637	1.390	34.451	27.714	30.104	32.465	37.098	38.62	.098	1448.5	177
200	-.924	-.930	1.118	34.484	27.752	30.147	32.511	37.154	34.75	.108	1447.6	202
225	-1.358	-1.364	.706	34.526	27.801	30.202	32.573	37.229	29.77	.116	1446.1	227
250	-1.338	-1.345	.745	34.547	27.818	30.219	32.590	37.244	28.09	.123	1446.6	253
275	-1.853	-1.860	.254	34.629	27.899	30.307	32.686	37.355	19.92	.129	1444.7	278
287	-1.874	-1.880	.243	34.632	27.902	30.311	32.690	37.360	19.56	.131	1444.8	291

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 33.1S	164 53.8E	571	296	993.6	120	14	-4.4	0	0	0	1600	11FEB79	GL	79	2	213

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
7	-1.09	-1.09	0.78	34.036	27.40	29.79	8.86	65	1.31				2	213
13	-1.10	-1.10	0.77	34.035	27.40	29.79	8.88	64	1.35				2	213
17	-1.09	-1.09	0.79	34.035	27.39	29.79	8.87	65	1.81				2	213
35	-1.04	-1.04	0.85	34.047	27.40	29.80	8.84	65	1.21				2	213
64	-0.86	-0.86	1.06	34.094	27.43	29.83	8.81	66	1.45				2	213
96	-0.49	-0.49	1.46	34.236	27.53	29.92	8.79	68	1.38				2	213
131	-0.32	-0.32	1.66	34.374	27.64	30.02	8.57	70	1.51				2	213
186	-0.84	-0.85	1.19	34.482	27.75	30.14	7.87	72	1.71				2	213
228	-1.34	-1.35	0.73	34.540	27.81	30.21	7.38	73	2.07				2	213

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.104	-1.104	.760	34.031	27.392	29.791	32.161	36.813	69.51	0.000	1442.8	0
10	-1.106	-1.106	.765	34.030	27.391	29.791	32.160	36.812	69.53	.007	1443.0	10
20	-1.084	-1.084	.795	34.032	27.392	29.791	32.160	36.811	69.43	.014	1443.3	20
30	-1.030	-1.031	.857	34.041	27.397	29.795	32.164	36.813	68.89	.021	1443.7	30
40	-.924	-.925	.973	34.075	27.421	29.818	32.184	36.830	66.59	.028	1444.4	40
50	-.926	-.927	.979	34.080	27.426	29.822	32.188	36.834	66.14	.034	1444.6	51
60	-.903	-.905	1.009	34.088	27.431	29.827	32.193	36.839	65.58	.041	1444.8	61
70	-.804	-.806	1.117	34.111	27.446	29.840	32.205	36.847	64.14	.047	1445.5	71
80	-.696	-.698	1.236	34.149	27.473	29.865	32.228	36.866	61.62	.054	1446.2	81
90	-.565	-.568	1.377	34.210	27.516	29.906	32.267	36.901	57.53	.060	1447.1	91
100	-.378	-.381	1.576	34.277	27.562	29.950	32.307	36.935	53.18	.065	1448.2	101
125	-.319	-.323	1.659	34.360	27.626	30.012	32.368	36.994	47.12	.078	1449.0	126
150	-.391	-.396	1.609	34.431	27.686	30.073	32.430	37.057	41.34	.089	1449.2	152
175	-.765	-.770	1.257	34.470	27.734	30.127	32.489	37.127	36.58	.098	1447.9	177
200	-1.118	-1.124	.925	34.511	27.781	30.179	32.546	37.194	31.89	.107	1446.8	202
225	-1.337	-1.343	.726	34.531	27.804	30.205	32.576	37.231	29.47	.115	1446.2	227
250	-1.399	-1.405	.686	34.565	27.834	30.236	32.608	37.264	26.48	.122	1446.4	253
275	-1.867	-1.874	.240	34.626	27.897	30.305	32.684	37.354	20.13	.127	1444.6	278
286	-1.874	-1.880	.243	34.632	27.902	30.311	32.690	37.360	19.56	.130	1444.8	290





LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 32.25 165 26.9E 571 728 993.9 140 17 -3.2 0 0 25 1736 11FEB79 GL 79 1 214

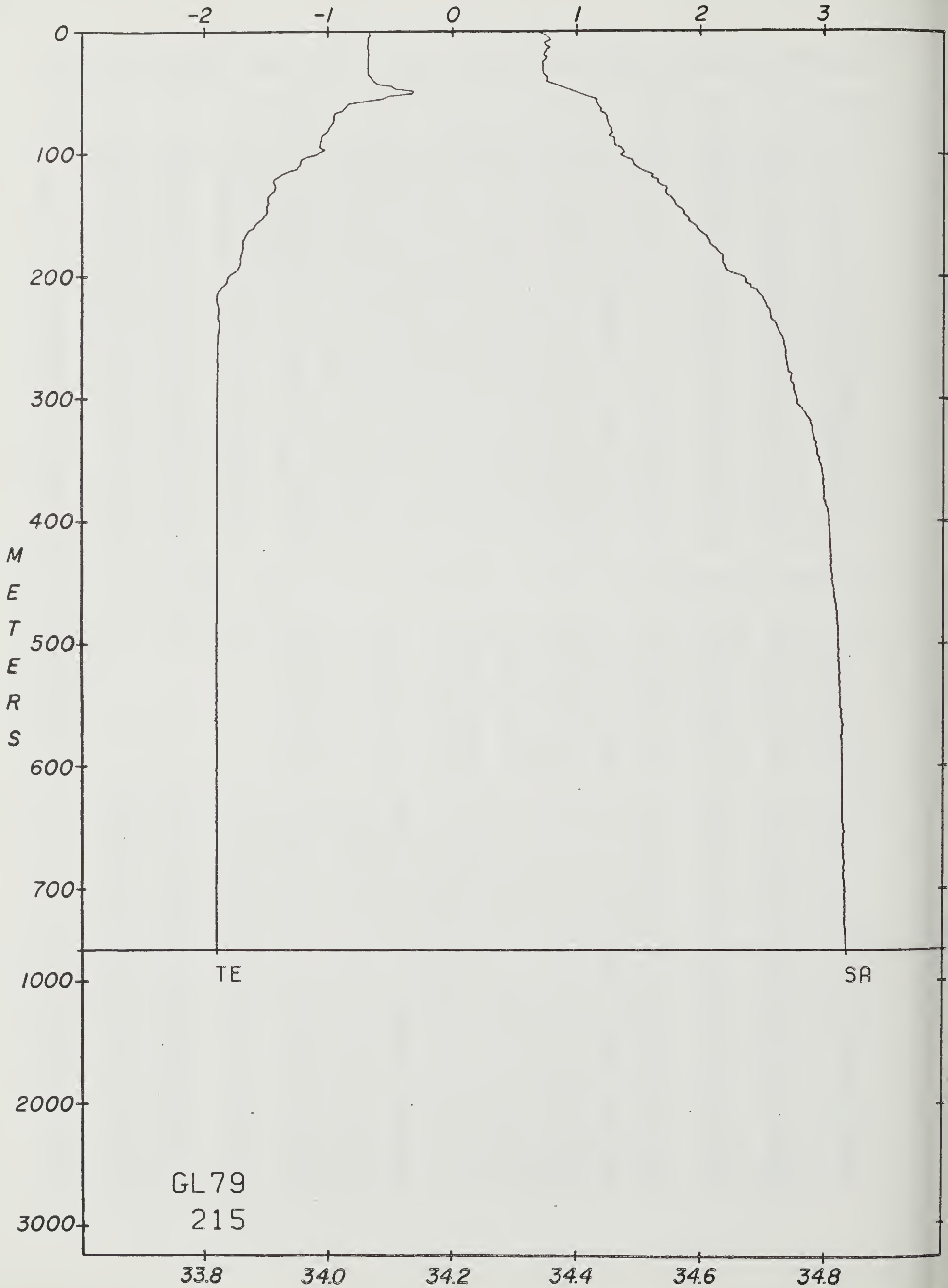
DPTH TEMP POTEM T>TF SALIN SGM-T SGM.5 OXYG SIL PHOS O-18 TRIT FLAG M STN
1 -1.09 -1.09 0.80 34.454 27.73 30.13 7.84 71 2.02 1 214

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.062	-1.062	.823	34.438	27.720	30.117	32.484	37.131	38.47	0.000	1443.6	0
10	-1.227	-1.227	.668	34.439	27.726	30.125	32.495	37.147	37.84	.004	1443.0	10
20	-1.234	-1.235	.669	34.447	27.733	30.133	32.503	37.154	37.09	.008	1443.1	20
30	-1.279	-1.279	.634	34.486	27.766	30.166	32.536	37.189	33.97	.011	1443.2	30
40	-1.300	-1.301	.622	34.506	27.784	30.184	32.554	37.208	32.27	.014	1443.3	40
50	-1.318	-1.320	.613	34.528	27.809	30.210	32.580	37.234	29.79	.018	1443.4	51
60	-1.459	-1.460	.481	34.571	27.841	30.243	32.616	37.273	26.74	.020	1442.9	61
70	-1.646	-1.647	.304	34.598	27.868	30.273	32.649	37.312	24.07	.023	1442.3	71
80	-1.770	-1.771	.188	34.613	27.883	30.291	32.668	37.335	22.54	.025	1441.9	81
90	-1.783	-1.785	.184	34.625	27.893	30.301	32.678	37.345	21.53	.027	1442.0	91
100	-1.800	-1.802	.175	34.633	27.900	30.308	32.686	37.354	20.80	.030	1442.1	101
125	-1.833	-1.835	.163	34.667	27.929	30.337	32.715	37.383	17.96	.034	1442.4	126
150	-1.875	-1.879	.141	34.700	27.957	30.365	32.744	37.414	15.16	.039	1442.6	152
175	-1.902	-1.906	.134	34.722	27.976	30.385	32.763	37.434	13.22	.042	1443.0	177
200	-1.890	-1.895	.167	34.743	27.992	30.401	32.779	37.449	11.57	.045	1443.5	202
225	-1.890	-1.895	.187	34.763	28.008	30.417	32.796	37.465	9.86	.048	1443.9	227
250	-1.888	-1.894	.209	34.785	28.026	30.435	32.813	37.482	8.06	.050	1444.4	253
275	-1.889	-1.895	.228	34.793	28.033	30.441	32.820	37.489	7.30	.052	1444.8	278
300	-1.890	-1.897	.246	34.806	28.043	30.452	32.830	37.499	6.17	.054	1445.2	303
325	-1.891	-1.899	.265	34.813	28.049	30.457	32.836	37.505	5.46	.055	1445.6	329
350	-1.892	-1.901	.283	34.819	28.054	30.462	32.840	37.509	4.90	.056	1446.1	354
375	-1.893	-1.902	.301	34.822	28.057	30.465	32.844	37.513	4.48	.058	1446.5	379
400	-1.894	-1.904	.319	34.825	28.059	30.468	32.846	37.515	4.13	.059	1446.9	405
425	-1.893	-1.904	.339	34.826	28.060	30.469	32.847	37.516	3.88	.060	1447.3	430
450	-1.893	-1.904	.358	34.828	28.062	30.470	32.849	37.518	3.60	.061	1447.7	455
475	-1.893	-1.905	.377	34.829	28.062	30.471	32.849	37.518	3.43	.062	1448.1	481
500	-1.893	-1.906	.396	34.830	28.063	30.472	32.850	37.519	3.18	.062	1448.6	506
550	-1.894	-1.908	.433	34.832	28.065	30.474	32.852	37.521	2.74	.064	1449.4	557
600	-1.896	-1.911	.470	34.835	28.067	30.476	32.854	37.524	2.26	.065	1450.2	607
650	-1.895	-1.912	.509	34.839	28.070	30.479	32.858	37.527	1.68	.066	1451.1	658
700	-1.895	-1.914	.548	34.848	28.078	30.487	32.865	37.534	.69	.067	1451.9	709
716	-1.894	-1.914	.561	34.849	28.078	30.487	32.866	37.535	.57	.067	1452.2	725

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 32.25 165 26.9E 571 728 993.9 140 19 -2.8 0 0 0 1825 11FEB79 GL 79 2 214

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
5	-1.23	-1.23	0.66	34.440	27.73	30.13	7.96	71	1.95				2	214
14	-1.23	-1.23	0.67	34.473	27.75	30.15	7.78	71	2.05				2	214
24	-1.26	-1.26	0.65	34.475	27.76	30.16	7.70	71	2.02				2	214
34	-1.29	-1.29	0.63	34.497	27.78	30.18	7.65	72	2.00				2	214
56	-1.33	-1.33	0.60	34.512	27.79	30.19	7.61	71	1.79				2	214
100	-1.80	-1.80	0.17	34.635	27.90	30.31	6.38	71	2.30				2	214
145	-1.88	-1.88	0.13	34.683	27.94	30.35	6.71	71	2.35				2	214
199	-1.89	-1.89	0.17	34.739	27.99	30.40	6.71	73	2.52			D4	2	214
315	-1.89	-1.90	0.26	34.799	28.04	30.45	6.69	72	2.16				2	214
495	-1.89	-1.90	0.40	34.825	28.06	30.47	6.84	71	2.32				2	214
703	-1.90	-1.92	0.54	34.839	28.07	30.48	6.74	75	2.17				2	214

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.206	-1.206	.682	34.448	27.733	30.132	32.501	37.153	37.22	0.000	1442.9	0
10	-1.234	-1.234	.662	34.456	27.741	30.140	32.509	37.162	36.47	.004	1443.0	10
20	-1.244	-1.245	.660	34.461	27.745	30.144	32.514	37.166	36.03	.007	1443.1	20
30	-1.269	-1.270	.644	34.480	27.761	30.161	32.531	37.184	34.44	.011	1443.2	30
40	-1.300	-1.301	.622	34.500	27.778	30.179	32.549	37.203	32.76	.014	1443.2	40
50	-1.308	-1.310	.621	34.505	27.782	30.183	32.553	37.207	32.33	.017	1443.4	51
60	-1.332	-1.333	.606	34.512	27.789	30.190	32.560	37.215	31.68	.021	1443.4	61
70	-1.468	-1.469	.479	34.549	27.823	30.226	32.599	37.257	28.33	.024	1443.0	71
80	-1.653	-1.655	.304	34.604	27.873	30.279	32.654	37.318	23.51	.026	1442.4	81
90	-1.745	-1.747	.222	34.623	27.892	30.298	32.675	37.341	21.72	.029	1442.2	91
100	-1.803	-1.805	.172	34.640	27.906	30.314	32.691	37.359	20.26	.031	1442.1	101
125	-1.859	-1.862	.136	34.670	27.933	30.341	32.719	37.389	17.61	.035	1442.3	126
150	-1.883	-1.886	.133	34.694	27.952	30.361	32.739	37.409	15.61	.039	1442.6	152
175	-1.900	-1.903	.136	34.715	27.970	30.379	32.758	37.428	13.80	.043	1443.0	177
200	-1.890	-1.895	.166	34.739	27.989	30.398	32.776	37.446	11.82	.046	1443.5	202
225	-1.891	-1.896	.185	34.755	28.002	30.410	32.789	37.458	10.50	.049	1443.9	227
250	-1.891	-1.897	.205	34.774	28.018	30.426	32.805	37.474	8.85	.052	1444.3	253
275	-1.888	-1.895	.228	34.783	28.025	30.433	32.812	37.481	8.05	.054	1444.8	278
300	-1.888	-1.895	.248	34.796	28.035	30.443	32.822	37.491	6.95	.056	1445.2	303
325	-1.890	-1.898	.265	34.810	28.046	30.455	32.833	37.502	5.72	.057	1445.6	329
350	-1.893	-1.901	.282	34.817	28.053	30.461	32.840	37.508	5.01	.058	1446.0	354
375	-1.895	-1.904	.299	34.823	28.057	30.466	32.844	37.513	4.44	.060	1446.5	379
400	-1.895	-1.905	.318	34.825	28.059	30.468	32.846	37.515	4.12	.061	1446.9	405
425	-1.895	-1.905	.338	34.826	28.060	30.469	32.847	37.516	3.88	.062	1447.3	430
450	-1.894	-1.905	.357	34.828	28.062	30.470	32.849	37.518	3.60	.063	1447.7	455
475	-1.894	-1.906	.376	34.829	28.062	30.471	32.849	37.518	3.41	.064	1448.1	481
500	-1.894	-1.907	.395	34.831	28.064	30.473	32.851	37.520	3.12	.064	1448.6	506
550	-1.895	-1.909	.433	34.833	28.065	30.474	32.852	37.522	2.71	.066	1449.4	557
600	-1.896	-1.912	.470	34.836	28.068	30.477	32.855	37.524	2.19	.067	1450.2	607
650	-1.895	-1.913	.508	34.839	28.070	30.479	32.858	37.527	1.66	.068	1451.1	658
700	-1.895	-1.914	.547	34.848	28.077	30.486	32.865	37.534	.75	.069	1451.9	709
714	-1.896	-1.915	.557	34.842	28.073	30.482	32.860	37.529	1.10	.069	1452.2	723

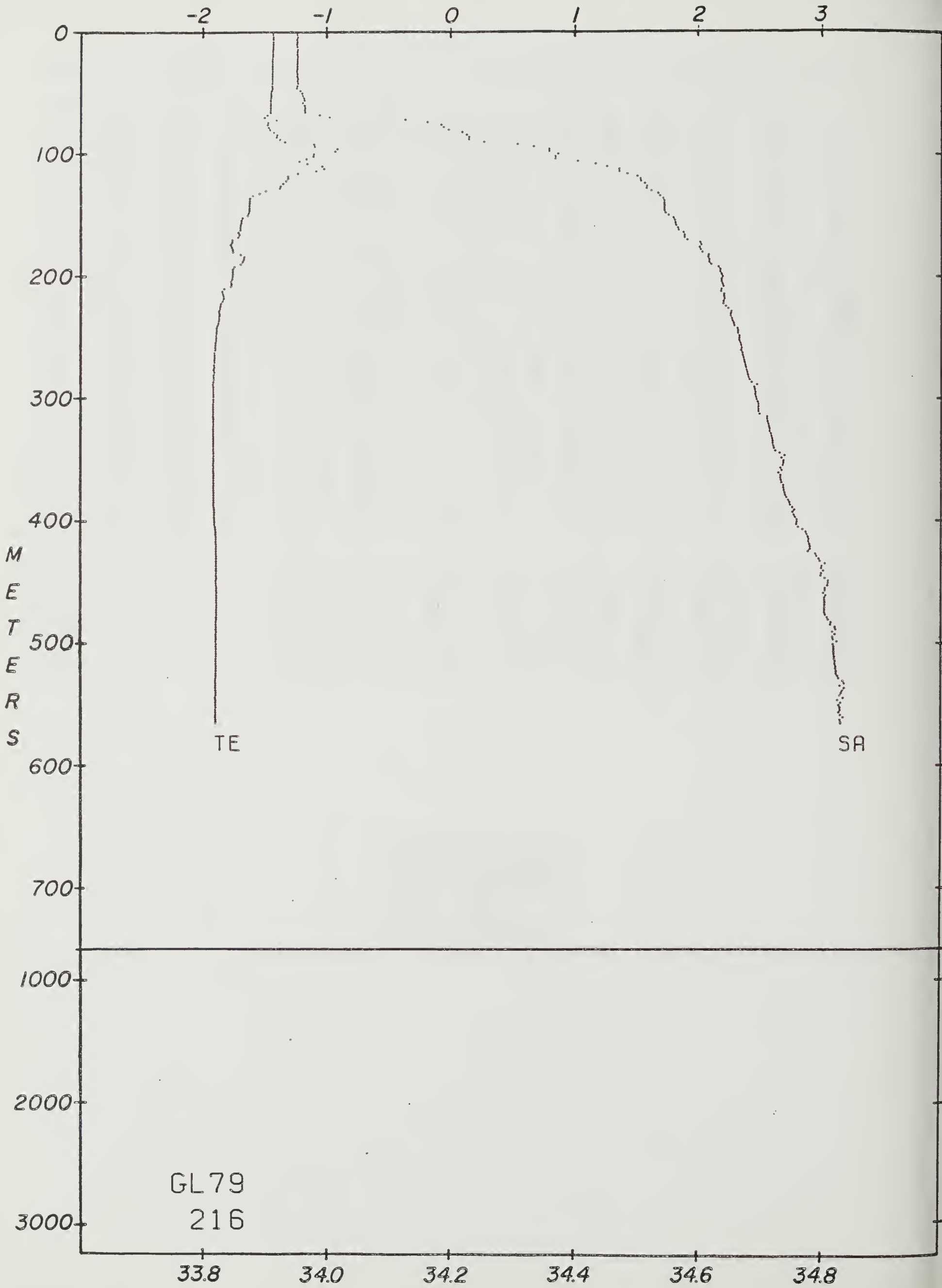


LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
 77 33.0S 165 51.5E 571 805 993.6 150 20 -2.8 0 0 10 1930 11FEB79 GL 79 1 215

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.663	-1.663	1.220	34.350	27.633	30.024	32.386	37.021	46.67	0.000	1445.3	0
10	-1.675	-1.675	1.215	34.354	27.637	30.028	32.389	37.025	46.33	.005	1445.5	10
20	-1.672	-1.673	1.225	34.350	27.634	30.025	32.387	37.023	46.55	.009	1445.6	20
30	-1.674	-1.675	1.231	34.347	27.632	30.023	32.384	37.020	46.75	.014	1445.8	30
40	-1.632	-1.633	1.281	34.354	27.635	30.026	32.387	37.021	46.38	.019	1446.2	40
50	-1.357	-1.359	1.566	34.400	27.660	30.047	32.403	37.029	44.01	.023	1447.7	51
60	-1.837	-1.839	1.096	34.436	27.709	30.103	32.466	37.107	39.27	.027	1445.6	61
70	-1.949	-1.951	.992	34.450	27.725	30.121	32.486	37.129	37.70	.031	1445.3	71
80	-1.993	-1.995	.957	34.458	27.733	30.129	32.495	37.139	36.92	.035	1445.3	81
90	-1.054	-1.057	.903	34.462	27.739	30.136	32.503	37.149	36.30	.039	1445.2	91
100	-1.079	-1.082	.887	34.476	27.752	30.149	32.516	37.163	35.08	.042	1445.2	101
125	-1.422	-1.425	.566	34.539	27.814	30.216	32.588	37.245	28.95	.050	1444.1	126
150	-1.506	-1.510	.503	34.580	27.849	30.252	32.626	37.285	25.48	.057	1444.2	152
175	-1.682	-1.686	.349	34.624	27.890	30.296	32.672	37.336	21.40	.063	1443.9	177
200	-1.800	-1.805	.252	34.674	27.934	30.341	32.719	37.386	17.11	.069	1443.8	202
225	-1.879	-1.884	.195	34.712	27.967	30.376	32.754	37.424	13.77	.071	1443.9	227
250	-1.882	-1.888	.212	34.736	27.986	30.395	32.773	37.443	11.80	.075	1444.3	253
275	-1.886	-1.892	.228	34.745	27.994	30.403	32.781	37.451	10.92	.077	1444.7	278
300	-1.889	-1.896	.244	34.759	28.005	30.414	32.792	37.462	9.76	.080	1445.1	303
325	-1.890	-1.898	.264	34.784	28.026	30.434	32.813	37.482	7.68	.082	1445.6	329
350	-1.887	-1.895	.287	34.797	28.036	30.444	32.823	37.492	6.57	.084	1446.0	354
375	-1.887	-1.896	.306	34.803	28.041	30.449	32.828	37.497	5.99	.086	1446.5	379
400	-1.888	-1.897	.325	34.811	28.047	30.456	32.834	37.503	5.24	.087	1446.9	405
425	-1.888	-1.899	.343	34.813	28.049	30.458	32.836	37.505	4.89	.088	1447.3	430
450	-1.889	-1.900	.362	34.818	28.053	30.462	32.840	37.509	4.42	.089	1447.7	455
475	-1.891	-1.903	.379	34.823	28.057	30.466	32.844	37.513	3.86	.090	1448.2	481
500	-1.892	-1.904	.398	34.826	28.060	30.468	32.847	37.516	3.50	.091	1448.6	506
550	-1.891	-1.905	.436	34.829	28.062	30.471	32.850	37.519	2.98	.093	1449.4	557
600	-1.892	-1.907	.474	34.832	28.065	30.473	32.852	37.521	2.50	.094	1450.3	607
650	-1.891	-1.909	.512	34.833	28.066	30.474	32.853	37.522	2.14	.096	1451.1	658
700	-1.892	-1.912	.549	34.836	28.068	30.477	32.855	37.524	1.65	.096	1451.9	709
750	-1.892	-1.913	.587	34.839	28.070	30.479	32.857	37.526	1.18	.097	1452.8	759
789	-1.891	-1.913	.619	34.839	28.070	30.479	32.858	37.527	.94	.098	1453.4	799

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
30	-0.67	-0.67	1.24	34.366	27.65	30.04	8.31	67	1.48				0	215
49	-0.43	-0.43	1.49	34.391	27.66	30.04	8.34	68	1.53				0	215
72	-0.95	-0.95	0.99	34.457	27.73	30.13	8.06	72	1.88				0	215
119	-1.38	-1.38	0.60	34.555	27.83	30.23	7.19	72	2.17				0	215
150	-1.68	-1.68	0.33	34.626	27.89	30.30	6.77	73	2.13				0	215
187	-1.89	-1.89	0.15	34.703	27.96	30.37	6.66	72	1.83				0	215
235	-1.88	-1.89	0.20	34.730	27.98	30.39	6.54	73	2.40				0	215
292	-1.89	-1.90	0.24	34.761	28.01	30.42	6.63	72	2.42				0	215
435	-1.89	-1.90	0.35	34.814	28.05	30.46	6.56	72	2.15				0	215



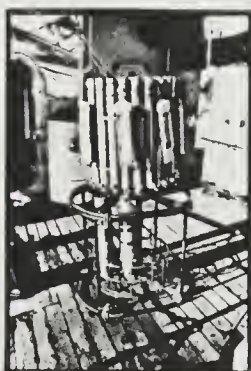


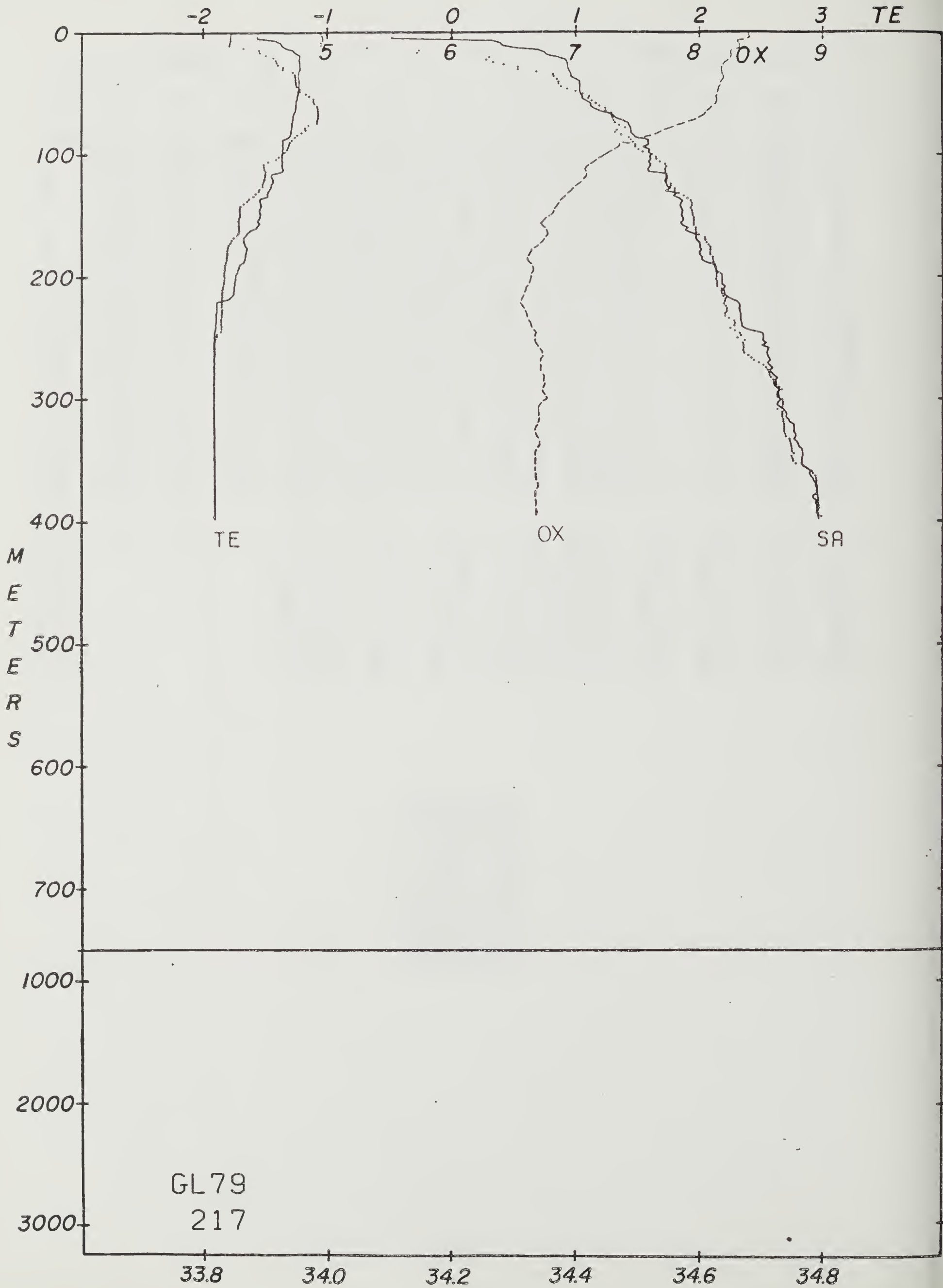
LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 44.9S 166 22.1E 571 567 995.6 130 17 -1.5 0 900 0 315 13FEB79 GL 79 1 216

DPTH TEMP POTEM T>TF SALIN SGM-T SGM.5 OXYG SIL PHOS 0-18 TRIT FLAG M STN
1 -1.43 -1.43 0.43 33.969 27.35 29.76 8.66 68 1.70 0 0 1 216

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.430	-1.430	.429	33.953	27.339	29.744	32.119	36.781	74.52	0.000	1441.2	0
10	-1.429	-1.429	.438	33.953	27.339	29.744	32.119	36.781	74.46	.007	1441.4	10
20	-1.434	-1.434	.441	33.953	27.340	29.744	32.119	36.782	74.37	.015	1441.5	20
30	-1.435	-1.436	.447	33.953	27.339	29.744	32.119	36.782	74.34	.022	1441.7	30
40	-1.436	-1.437	.454	33.954	27.340	29.745	32.120	36.782	74.23	.030	1441.8	40
50	-1.445	-1.447	.452	33.961	27.346	29.751	32.126	36.789	73.56	.037	1442.0	51
60	-1.450	-1.452	.455	33.965	27.350	29.755	32.130	36.793	73.19	.044	1442.1	61
70	-1.463	-1.465	.456	34.036	27.424	29.829	32.204	36.866	66.12	.051	1442.3	71
80	-1.439	-1.441	.496	34.208	27.546	29.950	32.324	36.984	54.53	.057	1442.8	81
90	-1.223	-1.226	.723	34.282	27.599	29.999	32.369	37.023	49.50	.063	1444.1	91
100	-1.088	-1.091	.872	34.374	27.669	30.067	32.435	37.083	42.85	.067	1445.1	101
125	-1.374	-1.377	.613	34.519	27.795	30.196	32.568	37.224	30.78	.077	1444.3	126
150	-1.658	-1.662	.350	34.558	27.836	30.242	32.618	37.282	26.63	.084	1443.5	152
175	-1.760	-1.764	.270	34.607	27.878	30.285	32.663	37.329	22.49	.090	1443.5	177
200	-1.763	-1.767	.288	34.640	27.906	30.313	32.690	37.357	19.76	.095	1443.9	202
225	-1.861	-1.866	.210	34.653	27.919	30.327	32.706	37.375	18.34	.100	1443.9	227
250	-1.892	-1.898	.198	34.670	27.933	30.342	32.721	37.391	16.81	.104	1444.2	253
275	-1.906	-1.912	.204	34.682	27.943	30.353	32.732	37.403	15.69	.108	1444.5	278
300	-1.914	-1.921	.216	34.700	27.958	30.367	32.746	37.417	14.19	.112	1444.9	303
325	-1.913	-1.921	.237	34.720	27.974	30.384	32.763	37.433	12.46	.115	1445.4	329
350	-1.910	-1.919	.260	34.737	27.988	30.397	32.776	37.447	11.04	.118	1445.8	354
375	-1.911	-1.920	.279	34.744	27.994	30.403	32.782	37.452	10.38	.121	1446.3	379
400	-1.898	-1.907	.312	34.767	28.012	30.421	32.799	37.469	8.51	.123	1446.8	405
425	-1.888	-1.898	.343	34.796	28.036	30.444	32.823	37.492	6.19	.125	1447.3	430
450	-1.886	-1.897	.364	34.807	28.044	30.452	32.831	37.500	5.28	.127	1447.7	455
475	-1.888	-1.900	.381	34.812	28.048	30.457	32.835	37.504	4.71	.128	1448.1	480
500	-1.891	-1.903	.398	34.821	28.056	30.465	32.843	37.512	3.86	.129	1448.6	506
550	-1.894	-1.908	.433	34.831	28.064	30.473	32.851	37.520	2.84	.131	1449.4	556
558	-1.893	-1.908	.441	34.832	28.065	30.473	32.852	37.521	2.72	.131	1449.5	565

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	0-18	TRIT	FLAG	M	STN
10	-1.43	-1.43	0.44	33.952	27.34	29.74	8.68						0	216
29	-1.44	-1.44	0.44	33.966	27.35	29.75	8.67	69	1.38				0	216
64	-1.48	-1.48	0.43	34.026	27.40	29.81	8.62	67	1.45				0	216
101	-1.12	-1.12	0.84	34.439	27.72	30.12	8.14	71	1.83				0	216
129	-1.46	-1.46	0.53	34.526	27.80	30.21	7.31	72	1.85				0	216
153	-1.68	-1.68	0.33	34.562	27.84	30.25	6.85	73	1.99				0	216
176	-1.76	-1.76	0.27	34.608	27.88	30.29	6.68	72	2.01				0	216
196	-1.67	-1.67	0.38	34.633	27.90	30.30	6.74	73	2.05				0	216
228	-1.86	-1.87	0.21	34.653	27.92	30.33	6.69	71	2.12				0	216
348	-1.91	-1.92	0.26	34.732	27.98	30.39	6.60	72	2.34				0	216
544	-1.89	-1.90	0.43	34.832	28.06	30.47	6.73	71	2.15				0	216





LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 42.5S 166 23.9E 571 400 991.9 100 15 -0.6 2 500 0 215 15FEB79 GL 79 1 217

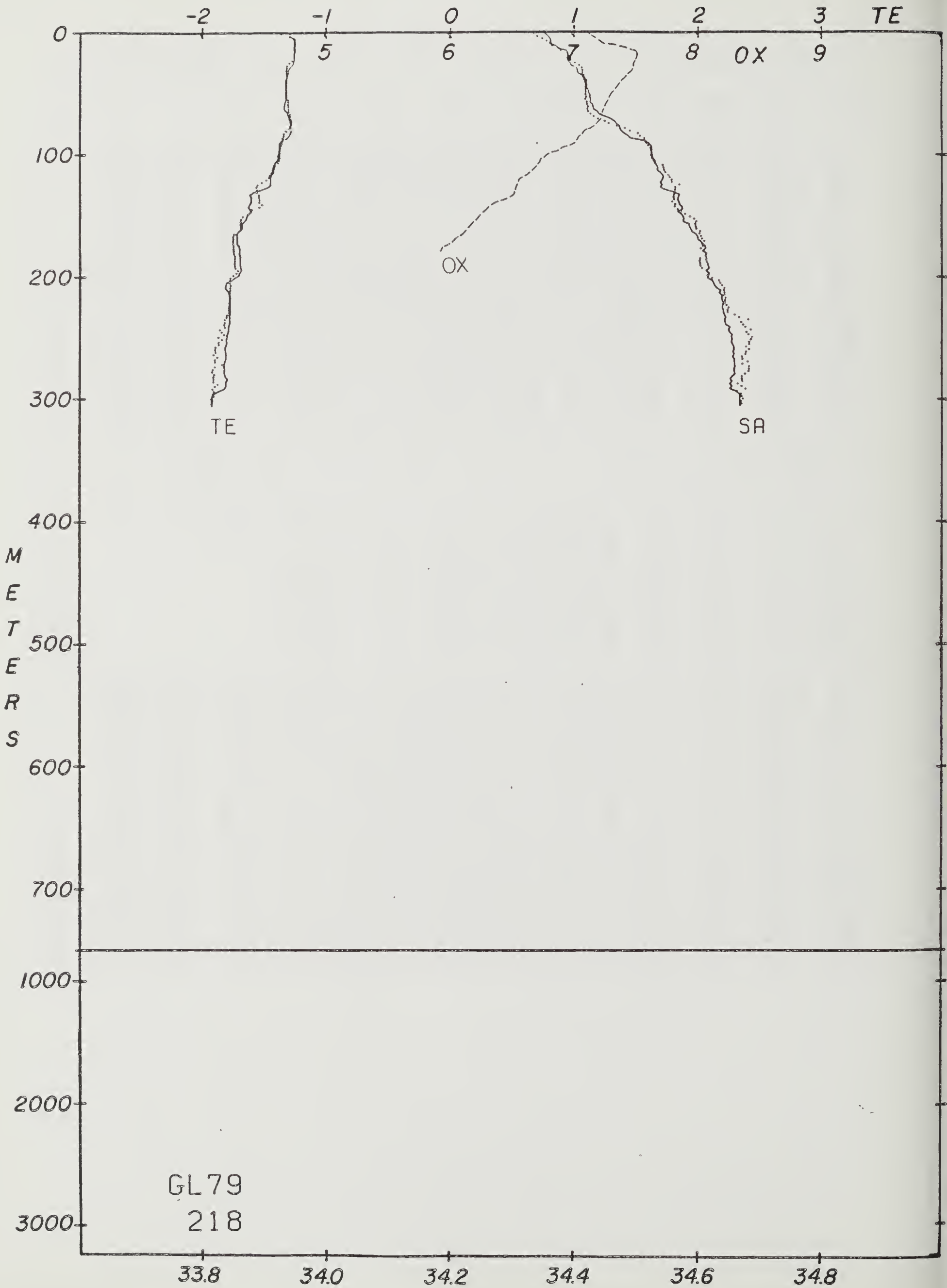
DPTH TEMP POTEM T>TF SALIN SGM-T SGM.5 OXYG SIL PHOS O-18 TRIT FLAG M STN
1 -1.55 -1.55 0.32 34.120 27.48 29.88 8.33 70 1.55 0-18 TRIT FLAG 1 217

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.550	-1.550	.319	34.109	27.469	29.873	32.251	36.916	62.22	0.000	1440.9	0
10	-1.368	-1.368	.518	34.280	27.602	30.005	32.377	37.035	49.55	.006	1442.1	10
20	-1.217	-1.218	.681	34.360	27.662	30.062	32.431	37.084	43.84	.010	1443.1	20
30	-1.214	-1.214	.694	34.389	27.686	30.085	32.454	37.107	41.58	.015	1443.3	30
40	-1.223	-1.224	.692	34.403	27.697	30.097	32.466	37.118	40.47	.019	1443.5	40
50	-1.228	-1.230	.695	34.409	27.702	30.101	32.471	37.123	39.95	.023	1443.6	51
60	-1.248	-1.250	.684	34.425	27.716	30.116	32.486	37.138	38.58	.027	1443.7	61
70	-1.271	-1.272	.671	34.465	27.749	30.149	32.519	37.172	35.42	.030	1443.8	71
80	-1.284	-1.286	.667	34.489	27.769	30.169	32.540	37.193	33.45	.034	1444.0	81
90	-1.352	-1.354	.608	34.517	27.794	30.195	32.566	37.221	31.07	.037	1443.9	91
100	-1.358	-1.360	.610	34.520	27.797	30.198	32.569	37.224	30.75	.040	1444.0	101
125	-1.444	-1.447	.545	34.548	27.821	30.224	32.596	37.254	28.26	.047	1444.0	126
150	-1.532	-1.535	.477	34.573	27.845	30.248	32.622	37.282	25.91	.054	1444.1	152
175	-1.646	-1.650	.383	34.603	27.872	30.277	32.653	37.316	23.16	.060	1444.0	177
200	-1.731	-1.736	.320	34.638	27.903	30.310	32.686	37.352	20.04	.066	1444.1	202
225	-1.881	-1.886	.190	34.667	27.930	30.339	32.718	37.388	17.24	.070	1443.8	227
250	-1.902	-1.907	.191	34.709	27.965	30.374	32.753	37.423	13.79	.074	1444.2	253
275	-1.899	-1.906	.213	34.716	27.971	30.380	32.759	37.429	13.11	.078	1444.6	278
300	-1.902	-1.909	.230	34.730	27.982	30.391	32.770	37.440	11.89	.081	1445.0	303
325	-1.902	-1.909	.251	34.757	28.004	30.413	32.791	37.462	9.72	.083	1445.5	329
350	-1.898	-1.906	.274	34.768	28.013	30.422	32.801	37.470	8.71	.086	1446.0	354
375	-1.895	-1.904	.297	34.790	28.030	30.439	32.817	37.487	6.96	.088	1446.4	379
394	-1.895	-1.904	.313	34.795	28.035	30.443	32.822	37.491	6.44	.089	1446.7	399

LATITUDE LONGITUDE MAR DPTH BAROM WND KT AIRTM P GLAC SD GMT DAMONYR SH CR M STN
77 42.5S 166 23.9E 571 400 992.2 90 7 -2.8 0 0 0 301 15FEB79 GL 79 2 217

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
14	-1.78	-1.78	0.09	33.992	27.38	29.79	8.58	70	1.38	-0.44			2	217
29	-1.36	-1.36	0.54	34.289	27.61	30.01	8.14						2	217
53	-1.19	-1.19	0.74	34.406	27.70	30.10	7.88	72	1.75				2	217
77	-1.16	-1.16	0.79	34.475	27.75	30.15	7.72	72	2.02				2	217
103	-1.32	-1.32	0.65	34.505	27.78	30.18	7.44	72	2.05				2	217
152	-1.69	-1.69	0.32	34.591	27.86	30.27	6.61	72	2.08				2	217
203	-1.82	-1.82	0.23	34.626	27.90	30.30	6.77	72	2.35				2	217
252	-1.89	-1.90	0.20	34.672	27.93	30.34	6.66	71	2.17				2	217
304	-1.90	-1.91	0.23	34.724	27.98	30.39		71	2.30				2	217
352	-1.90	-1.91	0.27	34.765	28.01	30.42	6.56	73	2.13				2	217
388	-1.90	-1.91	0.30	34.787	28.03	30.44	6.61	72	2.37				2	217

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.768	-1.768	.094	33.991	27.379	29.789	32.169	36.841	70.75	0.000	1439.7	0
10	-1.776	-1.777	.093	33.993	27.381	29.791	32.171	36.843	70.52	.007	1439.8	10
20	-1.478	-1.478	.411	34.201	27.542	29.946	32.321	36.982	55.22	.013	1441.7	20
30	-1.340	-1.341	.562	34.313	27.628	30.030	32.402	37.038	47.04	.018	1442.6	30
40	-1.248	-1.249	.666	34.371	27.673	30.072	32.443	37.096	42.77	.023	1443.3	40
50	-1.196	-1.197	.727	34.400	27.694	30.093	32.462	37.114	40.71	.027	1443.8	51
60	-1.086	-1.087	.847	34.437	27.720	30.117	32.485	37.132	38.24	.031	1444.5	61
70	-1.068	-1.070	.874	34.460	27.738	30.135	32.502	37.149	36.46	.035	1444.8	71
80	-1.166	-1.168	.784	34.473	27.752	30.150	32.519	37.168	35.14	.038	1444.5	81
90	-1.288	-1.291	.670	34.493	27.772	30.172	32.542	37.196	33.12	.042	1444.1	91
100	-1.346	-1.349	.621	34.517	27.794	30.195	32.566	37.221	31.03	.045	1444.0	101
125	-1.513	-1.516	.476	34.555	27.829	30.233	32.606	37.266	27.49	.052	1443.7	126
150	-1.696	-1.699	.314	34.591	27.864	30.270	32.646	37.311	24.02	.059	1443.3	152
175	-1.787	-1.791	.243	34.618	27.888	30.296	32.673	37.341	21.56	.064	1443.4	177
200	-1.820	-1.824	.230	34.628	27.897	30.305	32.683	37.352	20.53	.070	1443.6	202
225	-1.840	-1.845	.230	34.645	27.912	30.320	32.698	37.367	19.02	.075	1444.0	227
250	-1.889	-1.895	.201	34.669	27.932	30.341	32.720	37.390	16.92	.079	1444.2	253
275	-1.901	-1.908	.210	34.712	27.967	30.376	32.755	37.425	13.46	.083	1444.6	278
300	-1.902	-1.909	.230	34.737	27.987	30.396	32.775	37.445	11.41	.086	1445.1	303
325	-1.901	-1.909	.250	34.740	27.990	30.399	32.778	37.448	11.01	.089	1445.5	329
350	-1.895	-1.903	.277	34.760	28.006	30.415	32.794	37.463	9.37	.091	1446.0	354
375	-1.895	-1.904	.297	34.794	28.034	30.442	32.821	37.490	6.64	.093	1446.4	379
392	-1.901	-1.910	.306	34.800	28.039	30.447	32.826	37.496	6.05	.095	1446.7	397



LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 42.3S	166 23.9E	571	308	992.6	100	11	-1.8	2	100	0	337	15FEB79	GL	79	1	218	

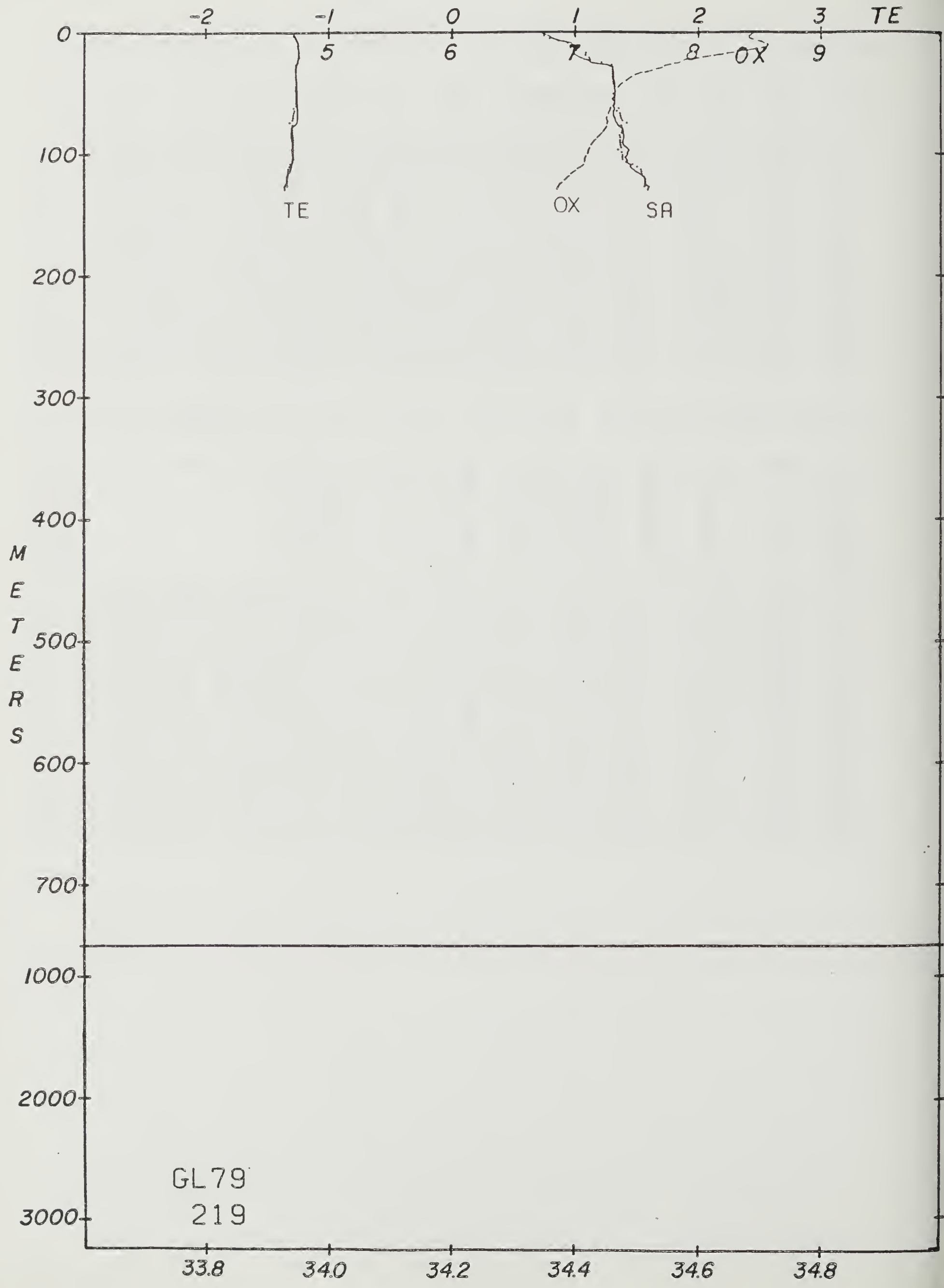
DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.28	-1.28	0.60	34.373	27.67	30.08		72	1.67				1	218

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.267	-1.267	.615	34.348	27.654	30.055	32.425	37.079	44.70	0.000	1442.5	0
10	-1.235	-1.235	.656	34.367	27.669	30.068	32.439	37.091	43.28	.004	1442.9	10
20	-1.244	-1.245	.655	34.393	27.690	30.090	32.459	37.112	41.23	.009	1443.0	20
30	-1.288	-1.289	.620	34.408	27.703	30.104	32.474	37.128	39.91	.013	1443.0	30
40	-1.315	-1.316	.602	34.423	27.717	30.118	32.489	37.143	38.58	.017	1443.1	40
50	-1.315	-1.316	.610	34.427	27.720	30.121	32.492	37.146	38.24	.020	1443.2	51
60	-1.326	-1.328	.606	34.433	27.725	30.126	32.497	37.152	37.71	.024	1443.4	61
70	-1.289	-1.291	.653	34.457	27.743	30.144	32.514	37.168	35.97	.028	1443.7	71
80	-1.272	-1.274	.678	34.478	27.760	30.159	32.530	37.183	34.36	.031	1444.0	81
90	-1.353	-1.356	.607	34.514	27.791	30.192	32.563	37.219	31.31	.035	1443.8	91
100	-1.372	-1.374	.597	34.528	27.804	30.205	32.577	37.232	30.08	.038	1443.9	101
125	-1.443	-1.446	.545	34.544	27.819	30.221	32.593	37.251	28.53	.045	1444.0	126
150	-1.625	-1.628	.384	34.577	27.851	30.256	32.631	37.294	25.29	.052	1443.6	152
175	-1.685	-1.689	.345	34.614	27.882	30.288	32.664	37.328	22.16	.058	1443.8	177
200	-1.717	-1.722	.333	34.622	27.889	30.296	32.672	37.338	21.33	.063	1444.1	202
225	-1.755	-1.760	.315	34.643	27.908	30.315	32.692	37.358	19.42	.068	1444.4	227
250	-1.784	-1.790	.305	34.657	27.920	30.328	32.705	37.372	18.11	.073	1444.7	253
275	-1.802	-1.809	.307	34.662	27.924	30.332	32.710	37.377	17.56	.077	1445.0	278
300	-1.903	-1.910	.225	34.671	27.934	30.344	32.723	37.394	16.40	.082	1445.0	303
302	-1.905	-1.912	.225	34.672	27.935	30.344	32.724	37.394	16.32	.082	1445.0	306

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 42.3S	166 23.9E	571	308	992.6	90	16	-2.1	0	0	0	456	15FEB79	GL	79	2	218	

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
17	-1.24	-1.24	0.66	34.391	27.69	30.09	7.89	72	1.92				2	218
76	-1.27	-1.27	0.68	34.462	27.75	30.15	7.60	72	1.81				2	218
116	-1.45	-1.45	0.53	34.555	27.83	30.23	7.19	72	2.05				2	218
140	-1.51	-1.51	0.49	34.565	27.84	30.24	7.14	72	2.16				2	218
163	-1.68	-1.68	0.34	34.603	27.87	30.28	6.91	71	2.09				2	218
180	-1.73	-1.73	0.30	34.606	27.88	30.28	6.93	72	2.26				2	218
200	-1.73	-1.73	0.32	34.621	27.89	30.30	6.84	71	2.25				2	218
230	-1.77	-1.78	0.30	34.650	27.91	30.32	6.79	71	2.12				2	218

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.346	-1.346	.536	34.338	27.649	30.050	32.422	37.078	45.22	0.000	1442.1	0
10	-1.243	-1.243	.648	34.365	27.667	30.067	32.437	37.091	43.41	.004	1442.8	10
20	-1.247	-1.248	.653	34.394	27.691	30.091	32.461	37.114	41.14	.009	1443.0	20
30	-1.308	-1.309	.601	34.415	27.710	30.111	32.481	37.136	39.28	.013	1442.9	30
40	-1.308	-1.309	.609	34.420	27.714	30.115	32.485	37.140	38.86	.017	1443.1	40
50	-1.310	-1.311	.614	34.422	27.715	30.116	32.487	37.142	38.66	.020	1443.3	51
60	-1.295	-1.296	.637	34.425	27.718	30.118	32.489	37.143	38.40	.024	1443.5	61
70	-1.277	-1.279	.663	34.438	27.727	30.127	32.498	37.151	37.48	.028	1443.8	71
80	-1.301	-1.303	.650	34.490	27.770	30.170	32.541	37.194	33.38	.032	1443.9	81
90	-1.347	-1.349	.614	34.519	27.795	30.196	32.567	37.222	30.95	.035	1443.9	91
100	-1.364	-1.367	.604	34.528	27.803	30.204	32.575	37.231	30.15	.038	1444.0	101
125	-1.536	-1.539	.454	34.567	27.840	30.244	32.617	37.277	26.50	.045	1443.6	126
150	-1.641	-1.644	.369	34.588	27.860	30.265	32.641	37.304	24.41	.051	1443.6	152
175	-1.730	-1.734	.300	34.610	27.880	30.287	32.663	37.329	22.35	.057	1443.6	177
200	-1.753	-1.758	.297	34.626	27.894	30.301	32.678	37.344	20.85	.063	1443.9	202
225	-1.767	-1.772	.303	34.652	27.915	30.322	32.699	37.366	18.75	.068	1444.3	227
250	-1.834	-1.840	.257	34.686	27.945	30.353	32.731	37.399	15.77	.072	1444.5	253
275	-1.899	-1.905	.211	34.683	27.944	30.353	32.732	37.402	15.68	.076	1444.6	278
300	-1.907	-1.914	.222	34.674	27.937	30.346	32.725	37.396	16.16	.080	1444.9	303
300	-1.907	-1.914	.222	34.674	27.937	30.346	32.725	37.396	16.17	.080	1445.0	304



LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 42.2S	166 23.9E	571	133	992.6	90	18	-1.7	2	300	0	603	15FEB79	GL	79	1	219

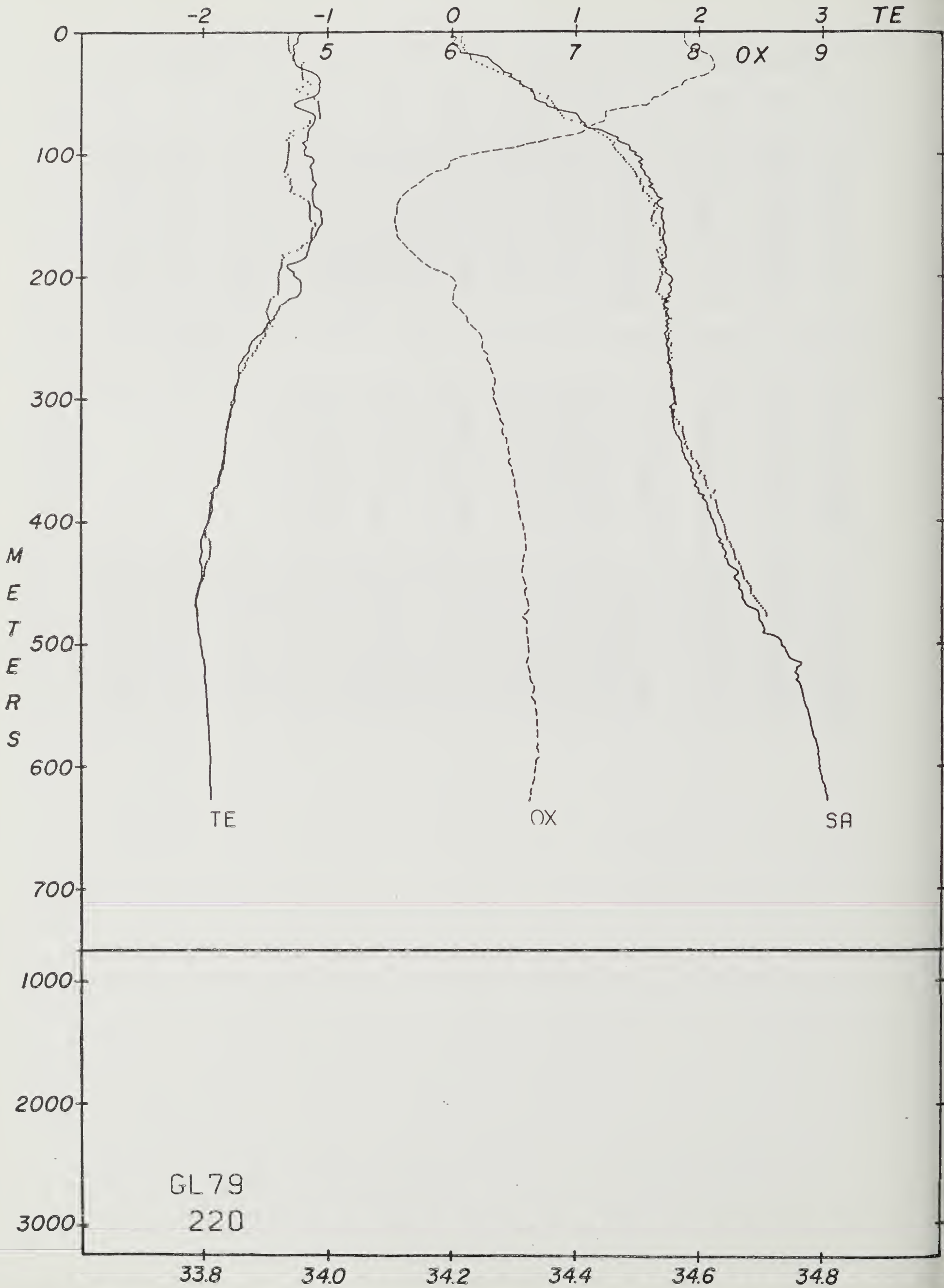
DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
1	-1.28	-1.28	0.60	34.381	27.68	30.08	7.97	73	2.16				1	219

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.262	-1.262	.621	34.348	27.654	30.054	32.425	37.078	44.71	0.000	1442.5	0
10	-1.245	-1.246	.647	34.393	27.690	30.090	32.460	37.113	41.23	.004	1442.9	10
20	-1.237	-1.237	.664	34.403	27.698	30.098	32.468	37.120	40.46	.008	1443.1	20
30	-1.264	-1.265	.648	34.461	27.746	30.146	32.516	37.169	35.88	.012	1443.2	30
40	-1.260	-1.261	.659	34.464	27.748	30.148	32.518	37.170	35.65	.016	1443.4	40
50	-1.254	-1.255	.673	34.465	27.749	30.149	32.518	37.171	35.52	.019	1443.6	51
60	-1.253	-1.254	.682	34.465	27.748	30.148	32.518	37.170	35.53	.023	1443.7	61
70	-1.250	-1.252	.692	34.465	27.748	30.148	32.518	37.170	35.48	.026	1443.9	71
80	-1.298	-1.300	.652	34.479	27.761	30.161	32.532	37.186	34.22	.030	1443.9	81
90	-1.293	-1.296	.665	34.478	27.760	30.161	32.531	37.185	34.23	.033	1444.1	91
100	-1.291	-1.294	.675	34.486	27.767	30.167	32.537	37.191	33.58	.037	1444.3	101
125	-1.345	-1.348	.642	34.517	27.794	30.195	32.566	37.220	30.92	.045	1444.5	126
129	-1.353	-1.356	.638	34.519	27.795	30.197	32.568	37.223	30.73	.046	1444.5	131

LATITUDE	LONGITUDE	MAR	DPH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
77 42.2S	166 23.9E	571	133	992.9	90	15	-2.1	0	0	0	624	15FEB79	GL	79	2	219

DPH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	O-18	TRIT	FLAG	M	STN
14	-1.24	-1.24	0.66	34.398	27.69	30.09	7.84	73	2.35				2	219
26	-1.25	-1.25	0.66	34.439	27.73	30.13	7.68	73	2.00				2	219
41	-1.26	-1.26	0.66	34.464	27.75	30.15	7.59	74	2.05				2	219
53	-1.26	-1.26	0.67	34.468	27.75	30.15	7.58	73	2.38				2	219
63	-1.26	-1.26	0.68	34.468	27.75	30.15	7.56	73	2.16				2	219
75	-1.30	-1.30	0.65	34.481	27.76	30.16	7.50	73	2.09				2	219
85	-1.29	-1.29	0.66	34.478	27.76	30.16	7.50	74	2.14				2	219
98	-1.28	-1.28	0.68	34.479	27.76	30.16	7.52	73	2.31				2	219
108	-1.29	-1.29	0.68	34.487	27.77	30.17	7.49	73	2.40			E	2	219
118	-1.33	-1.33	0.65	34.512	27.79	30.19	7.38	73	2.37			E	2	219
128	-1.33	-1.33	0.66	34.515	27.79	30.19	7.32	73	2.38				2	219

DPH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.284	-1.284	.599	34.349	27.655	30.056	32.427	37.081	44.57	0.000	1442.4	0
10	-1.245	-1.245	.647	34.389	27.686	30.086	32.456	37.109	41.59	.004	1442.8	10
20	-1.240	-1.240	.661	34.419	27.711	30.111	32.481	37.133	39.22	.008	1443.1	20
30	-1.263	-1.263	.649	34.461	27.746	30.146	32.516	37.169	35.89	.012	1443.2	30
40	-1.261	-1.262	.658	34.462	27.746	30.146	32.516	37.169	35.78	.016	1443.4	40
50	-1.263	-1.264	.664	34.465	27.749	30.149	32.518	37.171	35.54	.019	1443.5	51
60	-1.258	-1.260	.676	34.465	27.748	30.148	32.518	37.171	35.52	.023	1443.7	61
70	-1.285	-1.287	.657	34.475	27.758	30.158	32.529	37.182	34.56	.026	1443.8	71
80	-1.291	-1.293	.659	34.477	27.759	30.159	32.530	37.184	34.38	.030	1443.9	81
90	-1.284	-1.286	.674	34.475	27.757	30.157	32.528	37.181	34.54	.033	1444.1	91
100	-1.285	-1.287	.681	34.477	27.759	30.160	32.530	37.184	34.28	.037	1444.3	101
125	-1.332	-1.336	.654	34.515	27.791	30.192	32.563	37.218	31.15	.045	1444.5	126
126	-1.331	-1.334	.657	34.514	27.791	30.192	32.562	37.217	31.20	.045	1444.6	128



LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMCNYR	SH	CR	M	STN
78	0.9S	179	45.7E	570	654	993.2	240	12	-11.7	0	0	1453	16FEB79	GL	79	1 220

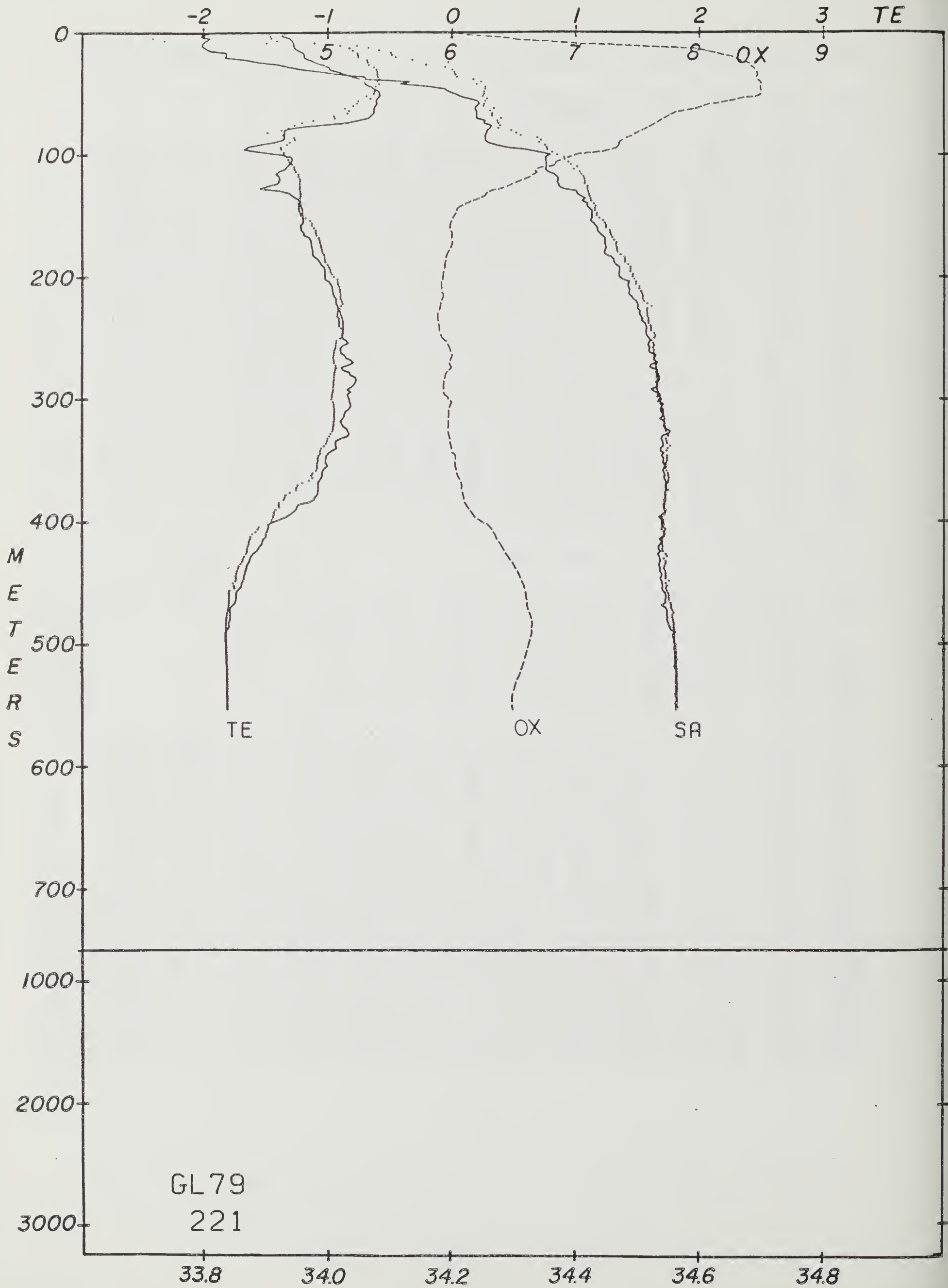
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
1	-1.21	-1.21	0.66	34.208	27.54	29.94	8.40	57	1.51				1	220

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.227	-1.227	.647	34.202	27.535	29.935	32.306	36.959	56.01	0.000	1442.5	0
10	-1.247	-1.247	.634	34.202	27.535	29.936	32.307	36.962	55.89	.006	1442.6	10
20	-1.277	-1.277	.614	34.240	27.567	29.968	32.339	36.994	52.86	.011	1442.7	20
30	-1.212	-1.213	.688	34.277	27.595	29.995	32.365	37.018	50.14	.016	1443.2	30
40	-1.063	-1.064	.847	34.302	27.610	30.008	32.375	37.023	48.70	.021	1444.1	40
50	-1.072	-1.074	.846	34.328	27.631	30.029	32.397	37.045	46.66	.026	1444.2	51
60	-1.263	-1.264	.665	34.350	27.656	30.056	32.427	37.081	44.25	.030	1443.5	61
70	-1.101	-1.103	.837	34.404	27.694	30.091	32.459	37.107	40.68	.035	1444.5	71
80	-1.149	-1.151	.799	34.432	27.718	30.116	32.485	37.134	38.31	.039	1444.5	81
90	-1.174	-1.176	.784	34.472	27.751	30.149	32.518	37.168	35.16	.042	1444.6	91
100	-1.180	-1.183	.786	34.499	27.774	30.172	32.541	37.191	32.96	.046	1444.8	101
125	-1.097	-1.100	.890	34.521	27.788	30.185	32.552	37.200	31.52	.054	1445.6	126
150	-1.049	-1.053	.958	34.540	27.802	30.198	32.565	37.210	30.18	.061	1446.3	152
175	-1.147	-1.152	.879	34.546	27.811	30.209	32.577	37.225	29.19	.069	1446.3	177
200	-1.249	-1.255	.796	34.556	27.822	30.221	32.590	37.242	27.99	.076	1446.2	202
225	-1.388	-1.394	.676	34.549	27.820	30.222	32.594	37.250	27.91	.083	1446.0	227
250	-1.582	-1.588	.501	34.548	27.826	30.231	32.605	37.267	27.13	.090	1445.5	253
275	-1.710	-1.717	.392	34.557	27.837	30.244	32.620	37.286	25.87	.097	1445.3	278
300	-1.738	-1.746	.384	34.561	27.841	30.248	32.625	37.292	25.35	.103	1445.6	303
325	-1.803	-1.811	.338	34.564	27.845	30.253	32.631	37.299	24.78	.109	1445.7	329
350	-1.838	-1.846	.323	34.585	27.862	30.271	32.650	37.319	22.92	.115	1446.0	354
375	-1.917	-1.926	.264	34.605	27.881	30.291	32.671	37.343	20.95	.121	1446.0	379
400	-1.963	-1.974	.237	34.627	27.900	30.311	32.691	37.364	18.96	.126	1446.3	405
425	-2.012	-2.022	.210	34.643	27.914	30.326	32.706	37.381	17.41	.130	1446.5	430
450	-2.026	-2.036	.216	34.666	27.933	30.345	32.726	37.400	15.45	.134	1446.9	455
475	-2.041	-2.052	.222	34.700	27.961	30.372	32.754	37.428	12.69	.138	1447.3	480
500	-2.002	-2.014	.283	34.742	27.994	30.405	32.785	37.458	9.49	.141	1447.9	506
550	-1.954	-1.967	.371	34.779	28.023	30.433	32.812	37.484	6.56	.145	1449.0	556
600	-1.935	-1.950	.429	34.800	28.040	30.449	32.829	37.499	4.74	.147	1450.0	607
620	-1.926	-1.942	.454	34.810	28.048	30.457	32.836	37.506	3.91	.148	1450.4	628

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78	0.9S	179	45.7E	570	654	993.2	250	13	-10.6	0	0	1520	16FEB79	GL	79	2 220

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
24	-1.21	-1.21	0.68	34.251	27.57	29.97	8.33	57	1.75	-0.58			2	220
55	-1.14	-1.14	0.78	34.348	27.65	30.05	7.71	62	1.84	-0.52			2	220
96	-1.31	-1.31	0.65	34.469	27.75	30.15	6.47	70	2.55	-0.44			2	220
143	-1.15	-1.15	0.85	34.519	27.79	30.19	5.86	71		-0.39			2	220
199	-1.39	-1.40	0.65	34.542	27.82	30.22	6.17	72		-0.40			2	220
303	-1.76	-1.77	0.36	34.561	27.84	30.25	6.41	71					2	220
385	-1.91	-1.92	0.28	34.621	27.89	30.30	6.53	72		-0.55			2	220
497	-2.03	-2.04	0.25	34.719	27.98	30.39	6.61	75	2.43				2	220
652	-1.91	-1.93	0.49	34.823	28.06	30.47	6.55	77	2.56	-0.49			2	220

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.318	-1.318	.556	34.216	27.549	29.951	32.323	36.979	54.66	0.000	1442.1	0
10	-1.317	-1.317	.563	34.216	27.549	29.951	32.323	36.979	54.59	.005	1442.3	10
20	-1.281	-1.282	.609	34.229	27.558	29.959	32.331	36.986	53.68	.011	1442.6	20
30	-1.209	-1.209	.691	34.259	27.580	29.980	32.350	37.003	51.58	.016	1443.2	30
40	-1.186	-1.187	.724	34.303	27.615	30.015	32.384	37.036	48.22	.021	1443.5	40
50	-1.206	-1.208	.713	34.335	27.642	30.041	32.411	37.063	45.64	.026	1443.6	51
60	-1.072	-1.073	.857	34.364	27.661	30.058	32.425	37.073	43.85	.030	1444.5	61
70	-1.063	-1.067	.872	34.380	27.673	30.070	32.438	37.085	42.62	.035	1444.7	71
80	-1.231	-1.233	.716	34.426	27.716	30.116	32.486	37.138	38.46	.039	1444.1	81
90	-1.323	-1.325	.634	34.459	27.746	30.147	32.518	37.173	35.58	.042	1443.9	91
100	-1.315	-1.318	.650	34.471	27.755	30.156	32.527	37.181	34.65	.046	1444.1	101
125	-1.294	-1.297	.692	34.507	27.784	30.184	32.554	37.208	31.89	.054	1444.7	126
150	-1.142	-1.146	.864	34.525	27.793	30.191	32.559	37.207	30.96	.062	1445.8	152
175	-1.202	-1.207	.824	34.540	27.808	30.206	32.575	37.226	29.44	.070	1446.0	177
200	-1.394	-1.399	.651	34.541	27.814	30.216	32.588	37.244	28.59	.077	1445.5	202
225	-1.477	-1.483	.587	34.545	27.820	30.223	32.596	37.255	27.89	.084	1445.5	227
250	-1.520	-1.526	.564	34.553	27.828	30.231	32.605	37.265	27.01	.091	1445.8	253
275	-1.674	-1.681	.429	34.555	27.834	30.240	32.616	37.281	26.17	.097	1445.5	278
300	-1.760	-1.767	.362	34.562	27.842	30.250	32.627	37.294	25.19	.104	1445.5	303
325	-1.805	-1.813	.337	34.575	27.854	30.262	32.640	37.309	23.89	.110	1445.7	329
350	-1.823	-1.831	.340	34.599	27.874	30.282	32.660	37.329	21.89	.116	1446.1	354
375	-1.920	-1.928	.263	34.622	27.895	30.305	32.685	37.356	19.63	.121	1446.1	379
400	-1.965	-1.974	.238	34.642	27.912	30.322	32.703	37.376	17.83	.126	1446.3	405
425	-1.940	-1.950	.282	34.660	27.926	30.336	32.716	37.388	16.40	.130	1446.9	430
450	-2.032	-2.042	.211	34.685	27.949	30.360	32.741	37.416	14.01	.134	1446.9	455
472	-2.040	-2.051	.222	34.711	27.970	30.381	32.762	37.437	11.87	.137	1447.2	478



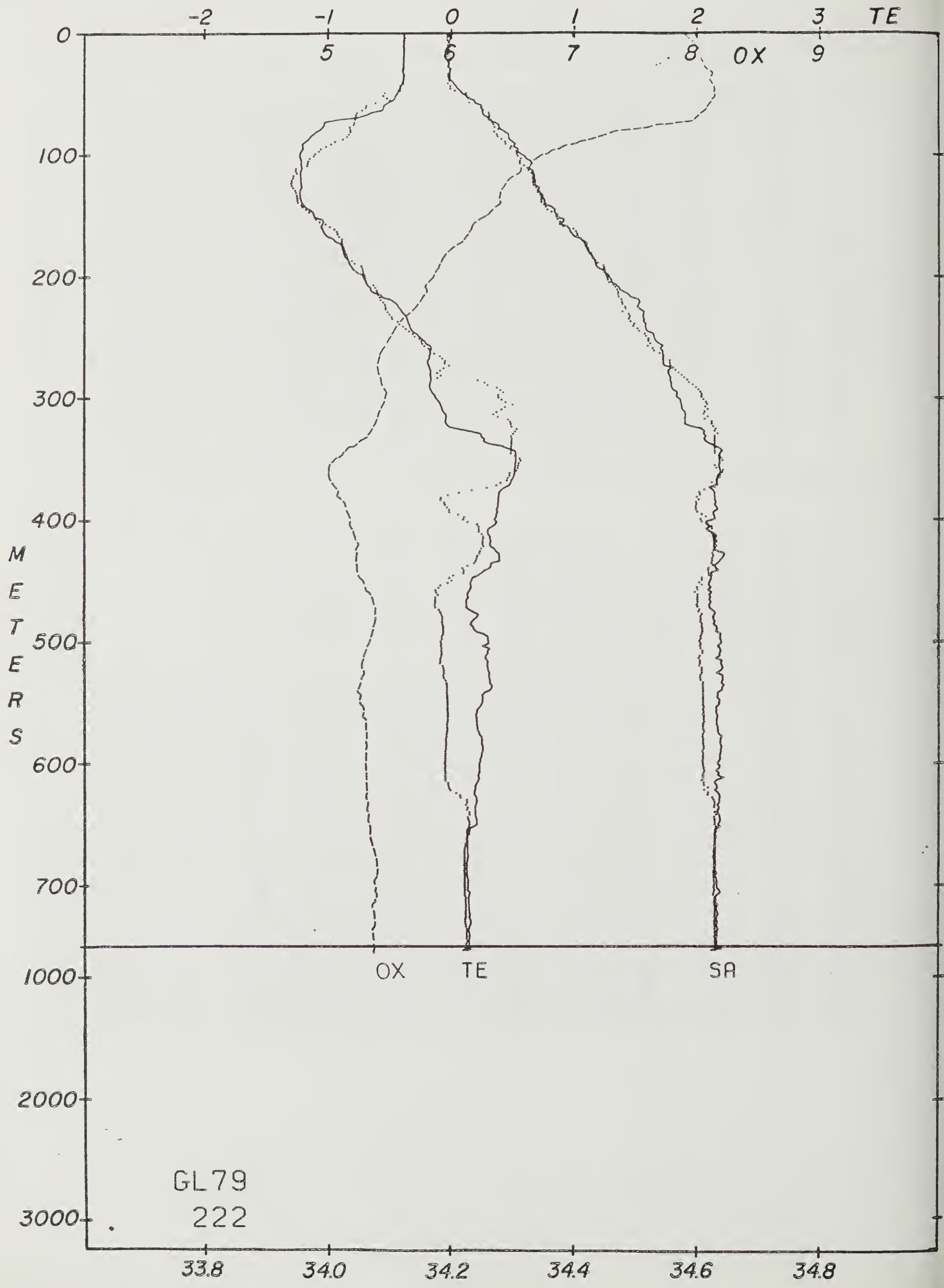
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 12.1S	174 3.5W	569	557	994.9	240	5	-5.6	2	6200	0	522	17FEB79	GL	79	1	221

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.397	-1.397	.454	33.812	27.224	29.629	32.004	36.666	85.43	0.000	1441.2	0
10	-1.275	-1.275	.583	33.800	27.210	29.613	31.986	36.645	86.67	.009	1441.9	10
20	-1.186	-1.187	.682	33.838	27.238	29.640	32.012	36.667	83.97	.017	1442.5	20
30	-.994	-.995	.887	33.941	27.316	29.714	32.082	36.731	76.63	.025	1443.7	30
40	-.736	-.737	1.162	34.083	27.420	29.814	32.177	36.818	66.70	.032	1445.3	40
50	-.589	-.590	1.323	34.198	27.507	29.898	32.259	36.894	58.45	.039	1446.3	51
60	-.616	-.617	1.306	34.244	27.546	29.937	32.297	36.933	54.79	.044	1446.4	61
70	-.661	-.663	1.268	34.242	27.546	29.938	32.300	36.936	54.70	.050	1446.4	71
80	-1.283	-1.285	.655	34.261	27.584	29.985	32.356	37.012	50.96	.055	1443.6	81
90	-1.391	-1.393	.554	34.258	27.585	29.988	32.361	37.019	50.78	.060	1443.3	91
100	-1.470	-1.472	.488	34.347	27.660	30.064	32.437	37.097	43.63	.065	1443.2	101
125	-1.420	-1.423	.559	34.373	27.680	30.082	32.455	37.114	41.66	.075	1443.9	126
150	-1.198	-1.202	.803	34.427	27.716	30.115	32.484	37.136	38.20	.085	1445.4	152
175	-1.126	-1.130	.895	34.449	27.731	30.129	32.497	37.146	36.68	.095	1446.2	177
200	-1.018	-1.024	1.023	34.474	27.748	30.144	32.510	37.156	35.10	.104	1447.2	202
225	-.915	-.922	1.147	34.502	27.766	30.161	32.525	37.168	33.33	.112	1448.1	227
250	-.865	-.873	1.217	34.520	27.779	30.173	32.537	37.177	32.09	.121	1448.8	253
275	-.870	-.879	1.231	34.528	27.786	30.180	32.543	37.184	31.38	.128	1449.2	278
300	-.825	-.835	1.296	34.541	27.794	30.188	32.551	37.190	30.52	.136	1449.8	303
325	-.834	-.844	1.307	34.549	27.801	30.194	32.558	37.197	29.80	.144	1450.2	329
350	-1.013	-1.024	1.146	34.544	27.804	30.200	32.566	37.210	29.31	.151	1449.8	354
375	-1.084	-1.096	1.094	34.546	27.808	30.206	32.573	37.220	28.71	.158	1449.9	379
400	-1.469	-1.480	.728	34.542	27.818	30.221	32.594	37.253	27.26	.165	1448.5	405
425	-1.610	-1.621	.605	34.536	27.817	30.223	32.598	37.261	27.03	.172	1448.2	430
450	-1.696	-1.708	.539	34.541	27.824	30.231	32.607	37.273	26.18	.179	1448.3	455
475	-1.779	-1.792	.475	34.550	27.833	30.241	32.619	37.287	25.09	.185	1448.3	480
500	-1.812	-1.824	.462	34.561	27.843	30.251	32.629	37.299	23.95	.191	1448.6	506
548	-1.801	-1.815	.510	34.564	27.845	30.253	32.631	37.300	23.50	.203	1449.4	555

LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIRTM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
78 12.1S	174 3.5W	569	557	995.3	240	5	-5.6	2	0	0	610	17FEB79	GL	79	2	221

DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	Q-18	TRIT	FLAG	M	STN
23	-0.72	-0.72	1.17	34.117	27.45	29.84	8.33	58	1.50	-0.66			2	221
63	-0.87	-0.87	1.06	34.270	27.58	29.97	7.82	59	1.79	-0.51			2	221
82	-1.35	-1.35	0.59	34.285	27.61	30.01	7.45			-0.57			2	221
104	-1.35	-1.35	0.61	34.365	27.67	30.07	6.78	66	2.08	-0.56			2	221
154	-1.20	-1.20	0.80	34.436	27.72	30.12	6.29	72		-0.19			2	221
202	-0.92	-0.93	1.12	34.498	27.76	30.16	6.00	74	2.29				2	221
309	-0.95	-0.96	1.18	34.536	27.80	30.19	6.02	76	2.35	-0.35			2	221
402	-1.45	-1.46	0.75	34.531	27.81	30.21	6.35	72	2.31	-0.46			2	221
495	-1.81	-1.82	0.46	34.558	27.84	30.25	6.49	70	2.38	-0.46			2	221
540	-1.80	-1.81	0.50	34.565	27.85	30.25	6.53					C1	2	221

DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-1.438	-1.438	.407	33.695	27.131	29.536	31.913	36.577	94.30	0.000	1440.8	0
10	-1.109	-1.109	.755	33.901	27.287	29.687	32.057	36.710	79.45	.009	1442.8	10
20	-.755	-.755	1.128	34.103	27.438	29.831	32.195	36.835	65.12	.016	1444.9	20
30	-.620	-.621	1.275	34.192	27.504	29.895	32.256	36.892	58.84	.022	1445.8	30
40	-.583	-.585	1.323	34.237	27.539	29.929	32.290	36.924	55.51	.028	1446.2	40
50	-.623	-.625	1.292	34.255	27.555	29.945	32.307	36.942	53.98	.033	1446.2	51
60	-.770	-.772	1.152	34.253	27.560	29.953	32.316	36.956	53.45	.039	1445.7	61
70	-.950	-.952	.981	34.273	27.582	29.978	32.344	36.989	51.24	.044	1445.1	71
80	-1.342	-1.344	.597	34.284	27.604	30.006	32.378	37.035	49.01	.049	1443.4	81
90	-1.270	-1.272	.680	34.345	27.652	30.053	32.423	37.077	44.49	.054	1444.0	91
100	-1.350	-1.353	.609	34.367	27.672	30.074	32.446	37.102	42.51	.058	1443.8	101
125	-1.220	-1.223	.761	34.418	27.709	30.108	32.478	37.130	38.96	.068	1444.9	126
150	-1.208	-1.212	.793	34.436	27.724	30.123	32.492	37.144	37.46	.078	1445.4	152
175	-1.053	-1.058	.969	34.466	27.743	30.139	32.506	37.153	35.67	.087	1446.6	177
200	-.940	-.946	1.102	34.494	27.760	30.155	32.521	37.163	33.94	.096	1447.6	202
225	-.900	-.907	1.163	34.520	27.780	30.174	32.539	37.180	32.04	.104	1448.2	227
250	-.910	-.917	1.173	34.527	27.786	30.181	32.545	37.187	31.37	.112	1448.6	253
275	-.940	-.949	1.161	34.532	27.792	30.186	32.552	37.194	30.76	.119	1448.9	278
300	-.966	-.975	1.155	34.535	27.795	30.190	32.556	37.199	30.33	.127	1449.2	303
325	-.967	-.977	1.173	34.548	27.805	30.201	32.566	37.209	29.27	.135	1449.6	329
350	-1.085	-1.095	1.074	34.548	27.810	30.207	32.574	37.221	28.64	.142	1449.5	354
375	-1.323	-1.334	.855	34.547	27.817	30.218	32.589	37.243	27.62	.149	1448.8	379
400	-1.490	-1.501	.707	34.544	27.820	30.223	32.597	37.256	27.06	.156	1448.4	405
425	-1.666	-1.677	.550	34.547	27.827	30.234	32.610	37.274	26.00	.162	1448.0	430
450	-1.752	-1.764	.483	34.549	27.832	30.239	32.617	37.284	25.36	.169	1448.0	455
475	-1.811	-1.823	.444	34.559	27.841	30.249	32.628	37.297	24.28	.175	1448.2	480
500	-1.810	-1.822	.464	34.563	27.844	30.253	32.631	37.300	23.79	.181	1448.6	506
546	-1.803	-1.817	.507	34.566	27.846	30.255	32.633	37.302	23.35	.192	1449.4	553



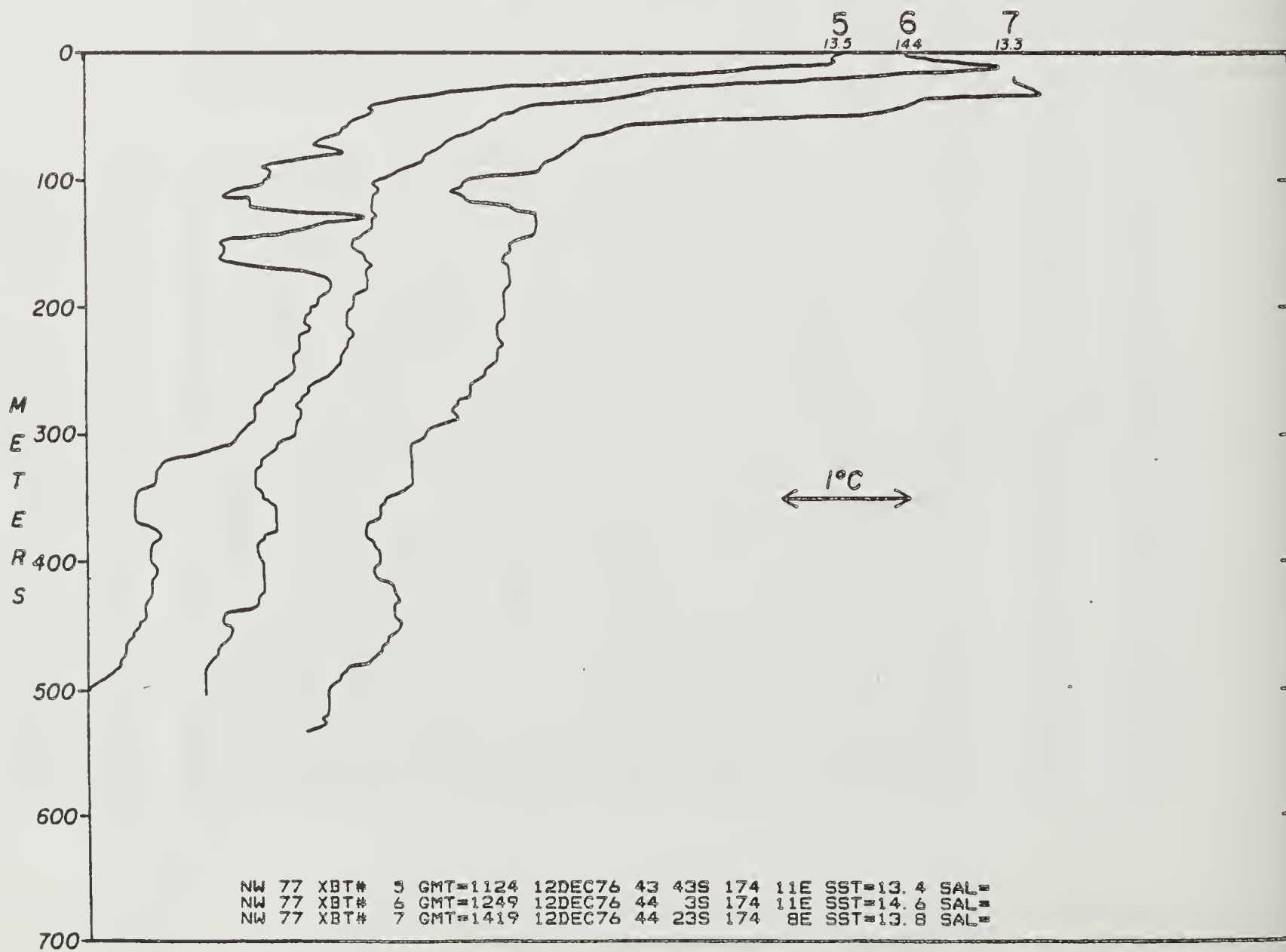
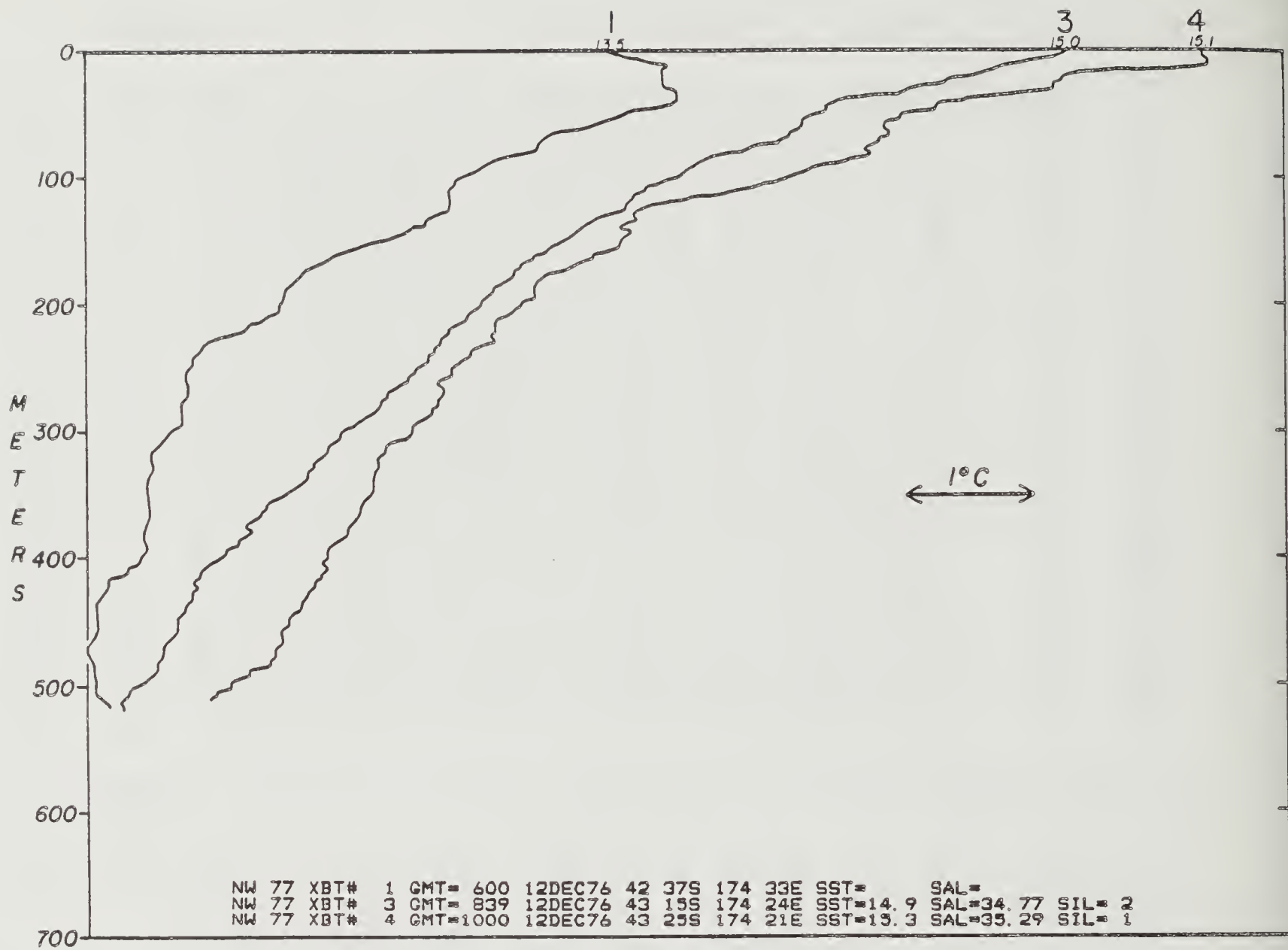
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 17.6S	175 33.9W	569	788	979.7	90	7	0.1	0		0	0	302	18FEB79	GL	79	1	222

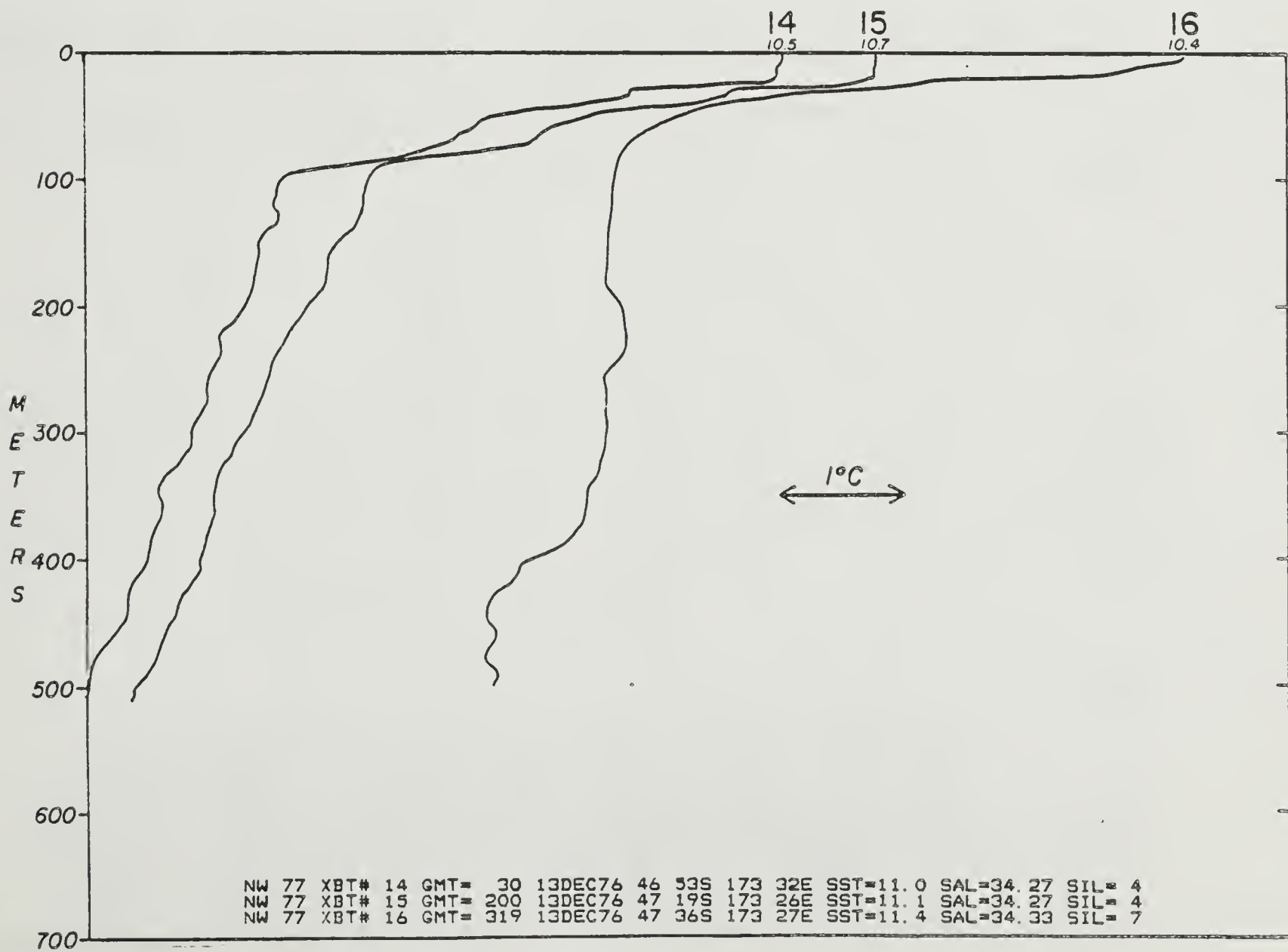
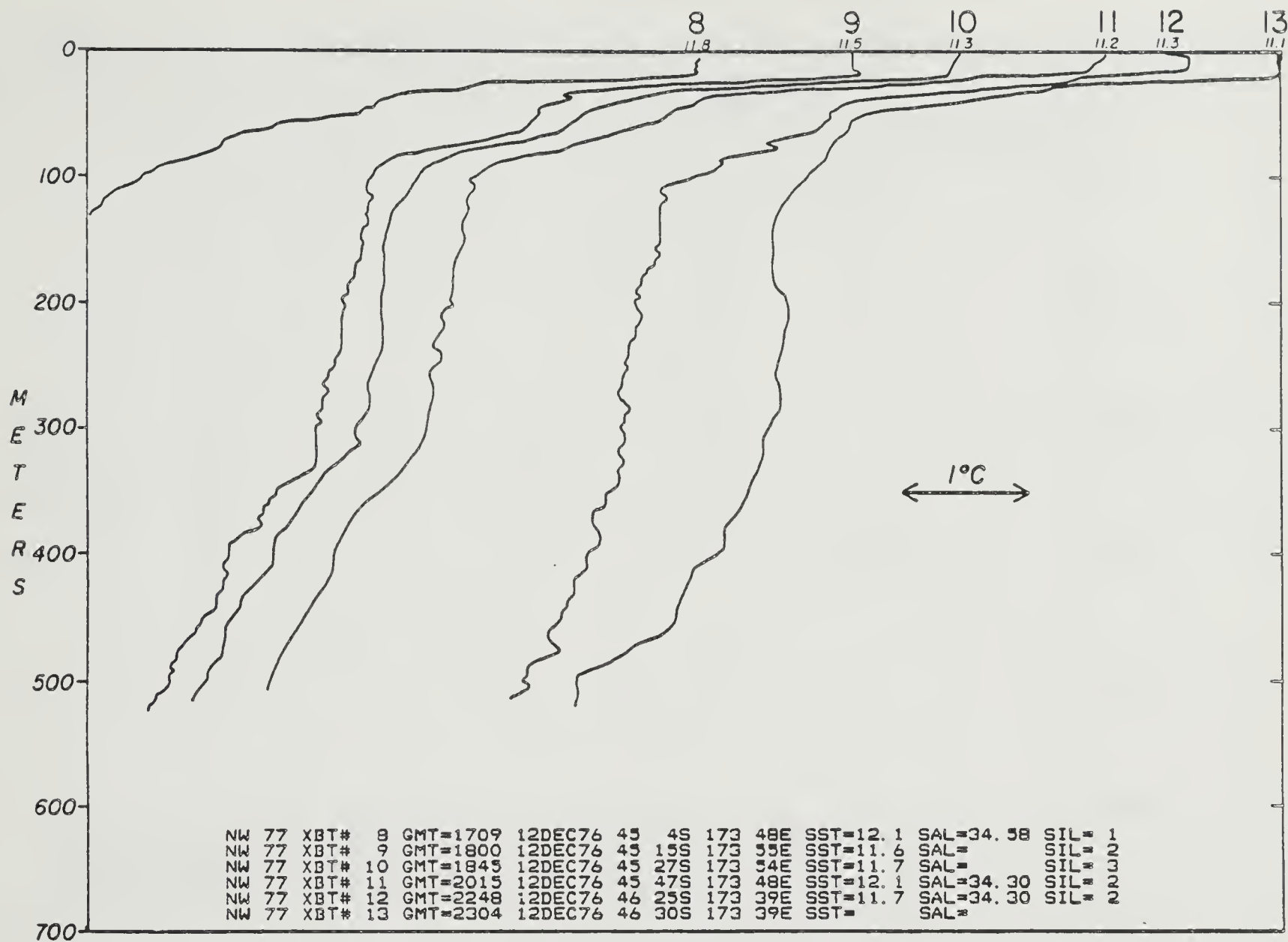
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.370	-0.370	1.504	34.200	27.499	29.886	32.244	36.873	59.35	0.000	1446.5	0
10	-0.374	-0.374	1.507	34.200	27.500	29.887	32.244	36.873	59.30	.006	1446.6	10
20	-0.373	-0.374	1.516	34.200	27.500	29.887	32.245	36.873	59.26	.012	1446.8	20
30	-0.376	-0.377	1.520	34.201	27.500	29.888	32.245	36.874	59.19	.018	1447.0	30
40	-0.384	-0.385	1.520	34.205	27.504	29.891	32.249	36.878	58.83	.024	1447.1	40
50	-0.431	-0.432	1.482	34.221	27.519	29.907	32.266	36.896	57.37	.029	1447.1	51
60	-0.535	-0.537	1.387	34.250	27.547	29.937	32.297	36.929	54.67	.035	1446.8	61
70	-0.821	-0.823	1.110	34.261	27.568	29.962	32.326	36.967	52.64	.040	1445.6	71
80	-1.074	-1.076	.865	34.287	27.598	29.996	32.364	37.012	49.68	.046	1444.7	81
90	-1.191	-1.193	.757	34.304	27.616	30.016	32.385	37.037	47.90	.050	1444.3	91
100	-1.222	-1.225	.734	34.318	27.629	30.029	32.399	37.051	46.65	.055	1444.3	101
125	-1.208	-1.211	.769	34.343	27.648	30.047	32.417	37.070	44.74	.067	1444.9	126
150	-1.094	-1.098	.904	34.375	27.670	30.068	32.436	37.085	42.56	.078	1445.9	152
175	-0.877	-0.882	1.142	34.423	27.701	30.095	32.459	37.101	39.70	.088	1447.3	177
200	-0.701	-0.707	1.340	34.459	27.723	30.115	32.476	37.112	37.59	.097	1448.6	202
225	-0.403	-0.411	1.659	34.508	27.749	30.136	32.493	37.120	35.26	.107	1450.5	227
250	-0.219	-0.228	1.864	34.534	27.762	30.146	32.500	37.121	34.19	.115	1451.8	253
275	-0.158	-0.168	1.945	34.556	27.777	30.159	32.513	37.132	32.80	.124	1452.5	278
300	-0.088	-0.099	2.035	34.575	27.788	30.170	32.522	37.139	31.75	.132	1453.3	303
325	.193	.180	2.337	34.615	27.806	30.183	32.531	37.140	30.34	.139	1455.0	329
350	.534	.518	2.698	34.637	27.804	30.177	32.520	37.119	30.77	.147	1457.0	354
375	.399	.382	2.582	34.630	27.806	30.181	32.526	37.129	30.47	.155	1456.8	379
400	.359	.342	2.561	34.617	27.798	30.174	32.519	37.123	31.20	.162	1457.0	404
425	.399	.381	2.621	34.644	27.818	30.193	32.537	37.140	29.43	.170	1457.7	430
450	.166	.148	2.406	34.623	27.814	30.192	32.540	37.150	29.55	.177	1457.0	455
475	.213	.193	2.471	34.628	27.816	30.194	32.541	37.149	29.41	.185	1457.6	480
500	.301	.279	2.579	34.636	27.817	30.194	32.539	37.145	29.44	.192	1458.5	506
550	.221	.197	2.537	34.631	27.817	30.195	32.542	37.151	29.28	.207	1458.9	556
600	.235	.208	2.589	34.635	27.820	30.198	32.545	37.153	29.06	.221	1459.8	607
650	.135	.107	2.527	34.630	27.821	30.201	32.549	37.160	28.75	.236	1460.2	658
700	.155	.124	2.585	34.633	27.822	30.202	32.550	37.160	28.69	.250	1461.1	708
750	.160	.127	2.628	34.634	27.823	30.203	32.551	37.161	28.62	.265	1462.0	759
776	.101	.067	2.588	34.624	27.818	30.199	32.548	37.160	28.95	.272	1462.2	786

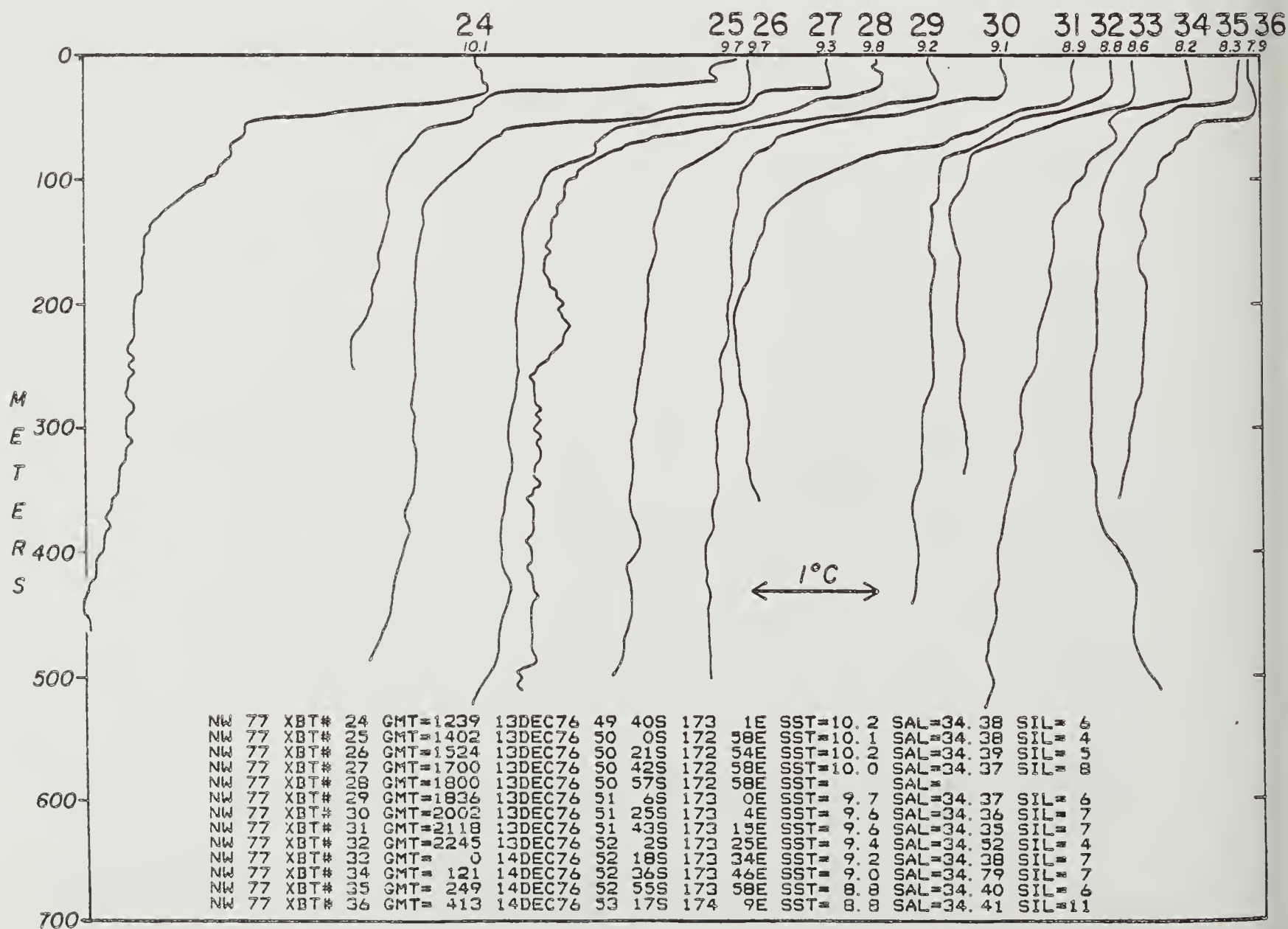
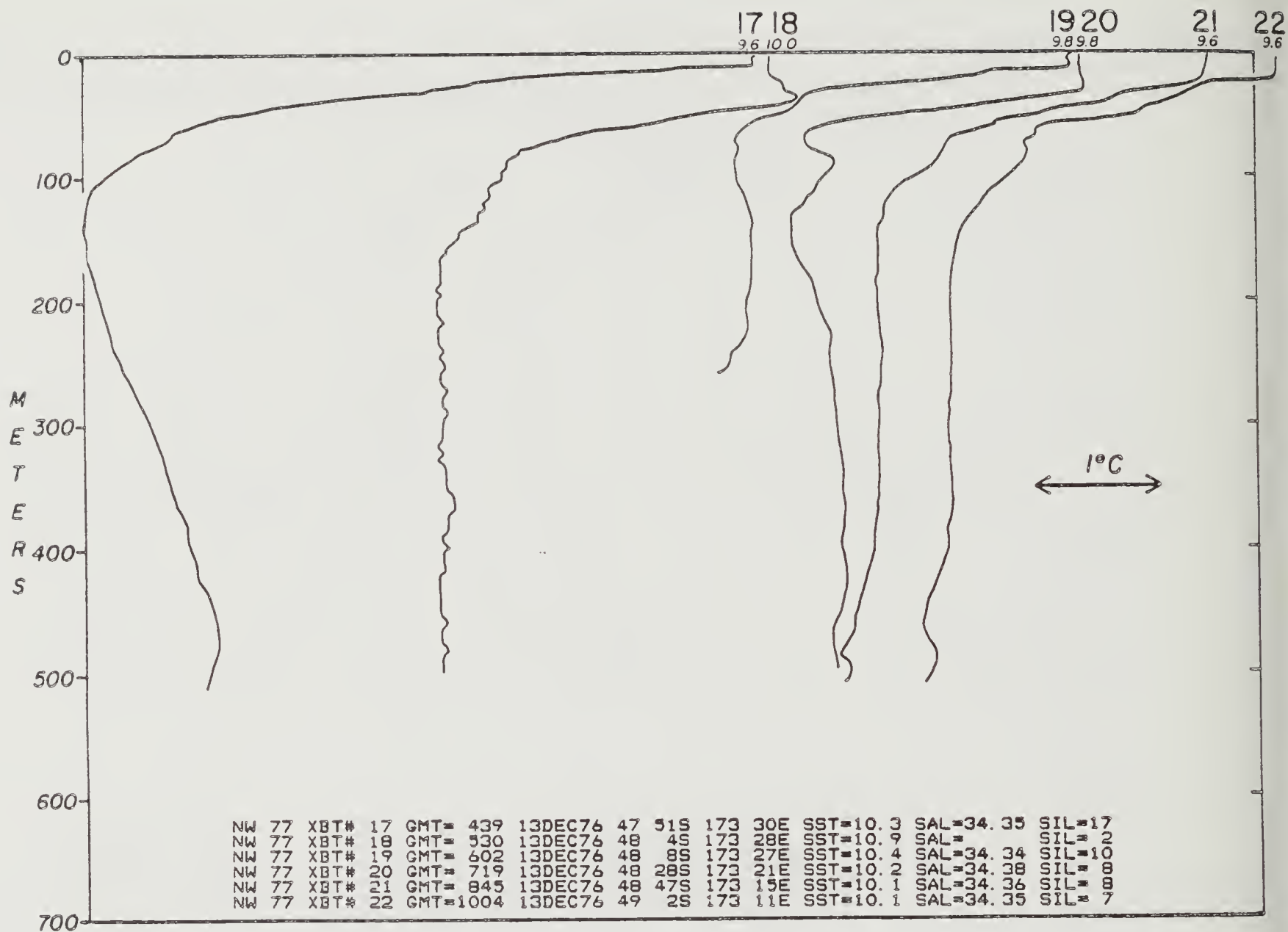
LATITUDE	LONGITUDE	MAR	DPTH	BAROM	WND	KT	AIR	TM	P	GLAC	SD	GMT	DAMONYR	SH	CR	M	STN
75 17.6S	175 33.9W	569	788	978.7	110	15	0.1	0		0	0	344	18FEB79	GL	79	2	222

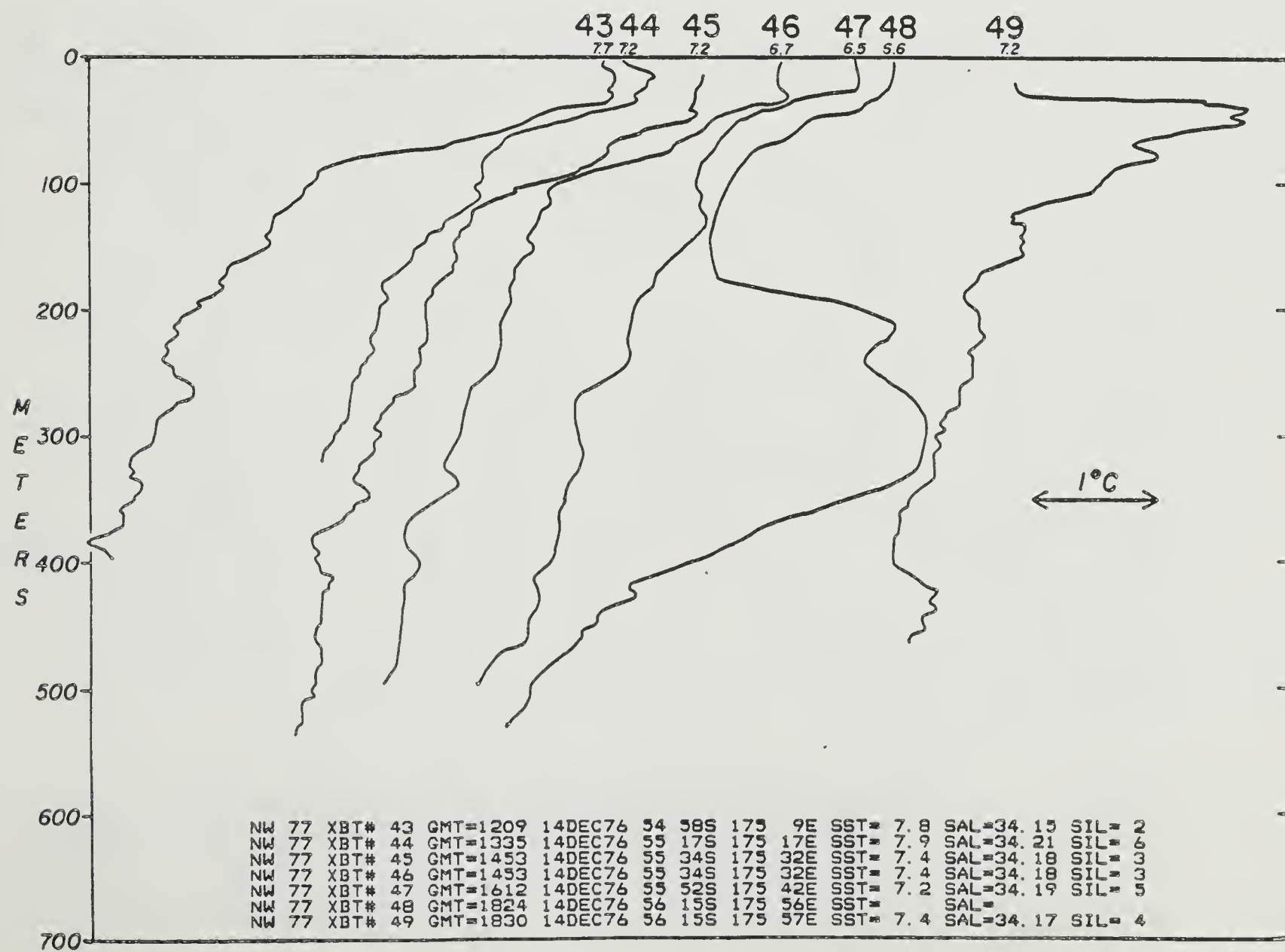
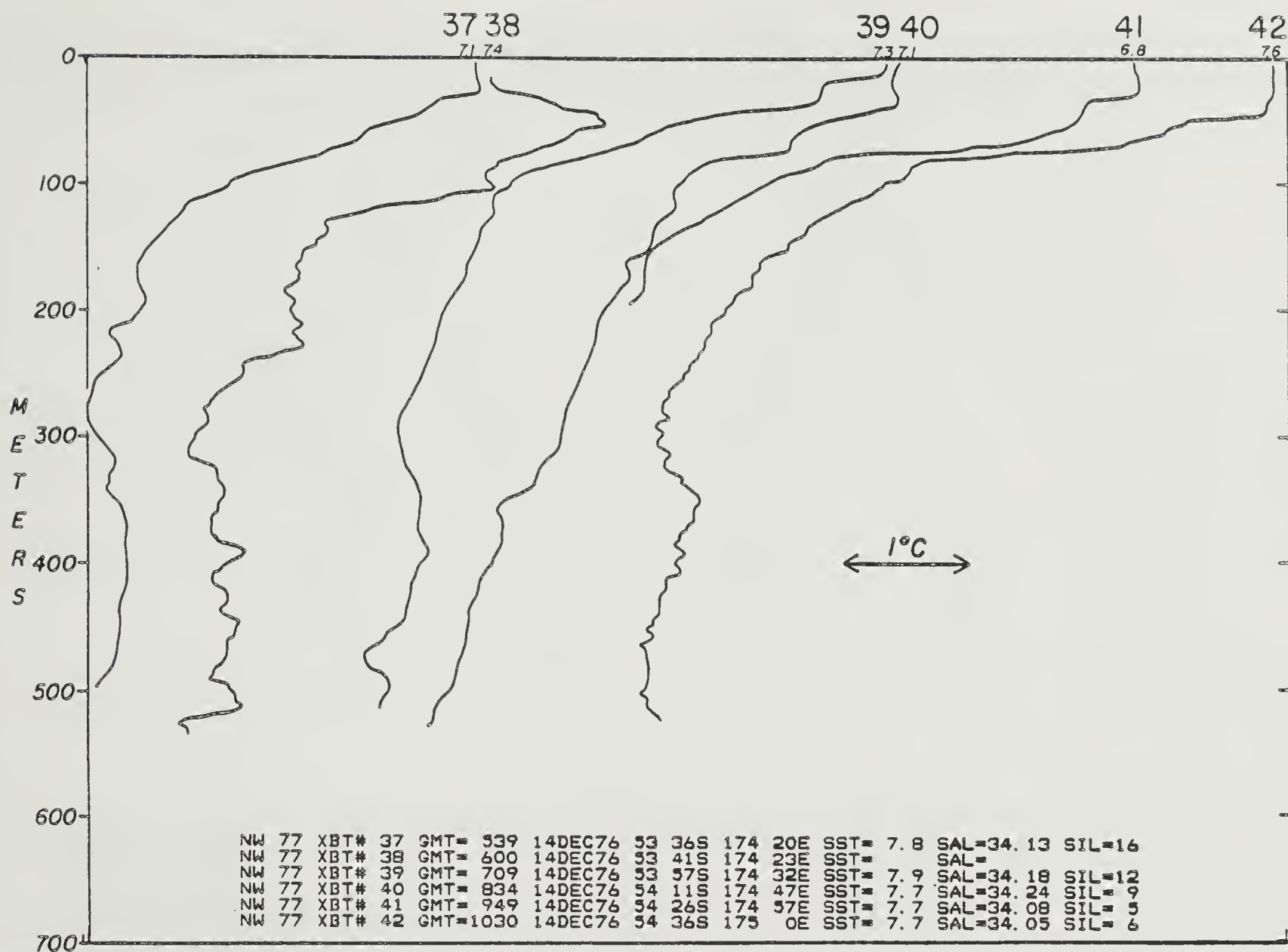
DPTH	TEMP	POTEM	T>TF	SALIN	SGM-T	SGM.5	OXYG	SIL	PHOS	D-18	TRIT	FLAG	M	STN
1	-0.37	-0.37	1.50	34.197	27.50	29.88	8.06	58	1.85	-0.45			2	222
13	-0.37	-0.37	1.51	34.205	27.50	29.89	7.99	63	1.70	-0.40			2	222
33	-0.39	-0.39	1.51	34.198	27.50	29.89	8.08	59	1.68	-0.43			2	222
58	-0.65	-0.65	1.27	34.243	27.55	29.94	7.80	59	1.91	-0.39			2	222
80	-0.82	-0.82	1.12	34.277	27.58	29.97	7.35	62	1.70	-0.39			2	222
114	-1.17	-1.17	0.80	34.320	27.63	30.03	6.63	66	1.97	-0.48			2	222
159	-0.96	-0.96	1.05	34.390	27.68	30.07	6.18	69	2.17	-0.41			2	222
276	-0.01	-0.02	2.09	34.556	27.77	30.15	5.45	80	1.95	-0.21			2	222
354	0.54	0.52	2.71	34.643	27.81	30.18	5.02	91	2.04	-0.12			2	222
493	-0.06	-0.08	2.21	34.610	27.82	30.20	5.41	89	1.98	-0.21			2	222
646	0.15	0.12	2.54	34.632	27.82	30.20	5.25	93	2.04	-0.18			2	222
748	0.13	0.10	2.60	34.625	27.82	30.20	5.46						2	222

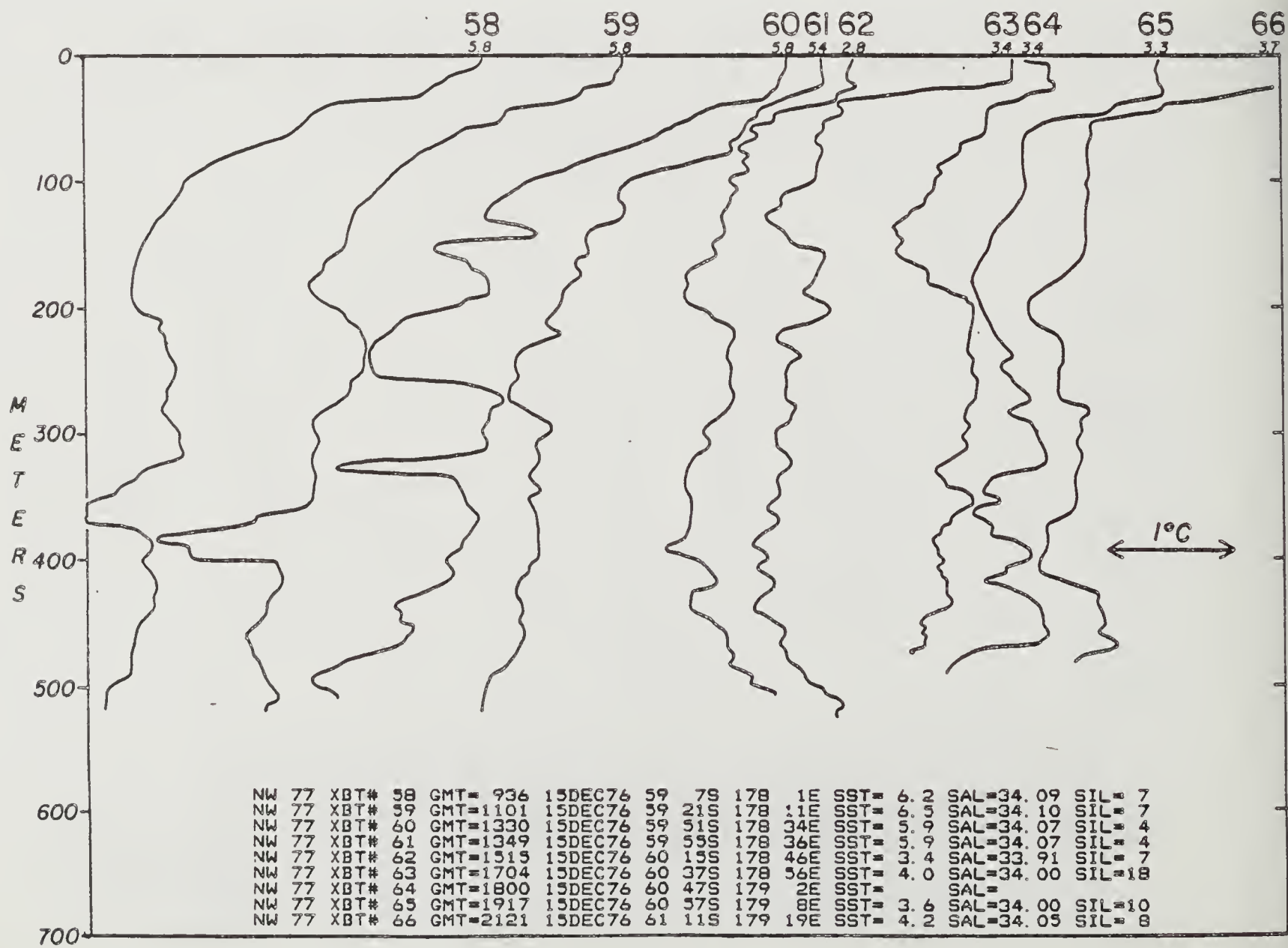
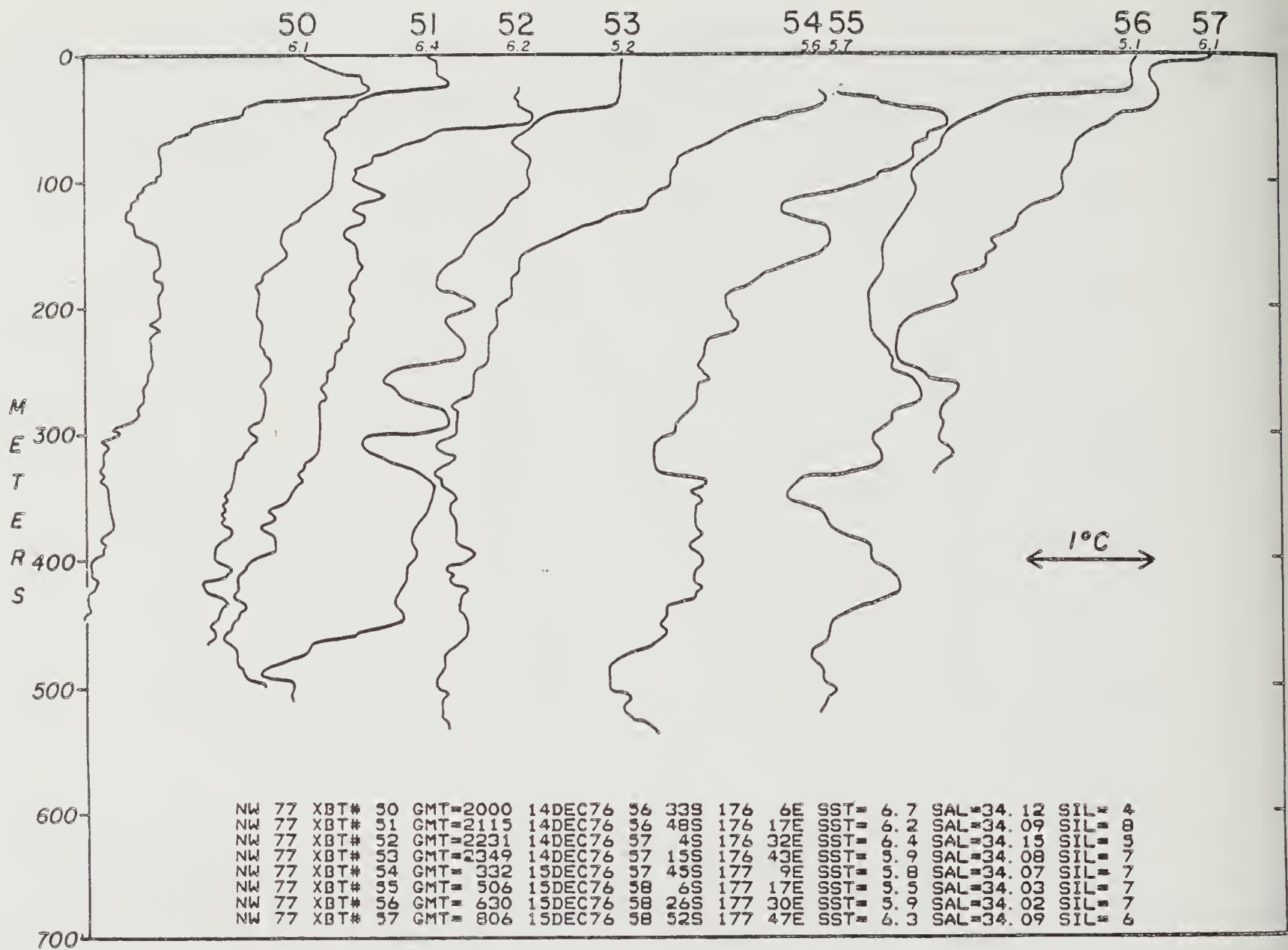
DPTH	TEMP	POTEM	T>TF	SALIN	SGMA-T	SGMA.5	SGMA-1	SGMA-2	ANOM	GEOPT	SOUNDV	PRES
0	-0.364	-0.364	1.509	34.195	27.495	29.882	32.240	36.868	59.75	0.000	1446.5	0
10	-0.371	-0.371	1.510	34.196	27.497	29.884	32.241	36.870	59.60	.006	1446.6	10
20	-0.375	-0.376	1.513	34.198	27.498	29.885	32.243	36.871	59.44	.012	1446.8	20
30	-0.383	-0.384	1.513	34.200	27.500	29.887	32.245	36.874	59.25	.018	1446.9	30
40	-0.380	-0.381	1.524	34.198	27.499	29.886	32.244	36.872	59.34	.024	1447.1	40
50	-0.516	-0.518	1.397	34.224	27.525	29.915	32.274	36.907	56.78	.030	1446.7	51
60	-0.673	-0.675	1.249	34.248	27.551	29.943	32.305	36.942	54.26	.035	1446.1	61
70	-0.771	-0.773	1.159	34.266	27.570	29.963	32.326	36.966	52.45	.040	1445.9	71
80	-0.816	-0.818	1.123	34.275	27.579	29.973	32.337	36.978	51.54	.046	1445.8	81
90	-0.951	-0.954	.996	34.291	27.597	29.993	32.359	37.004	49.78	.051	1445.4	91
100	-1.108	-1.111	.848	34.310	27.618	30.016	32.384	37.034	47.73	.056	1444.9	101
125	-1.287	-1.290	.690	34.337	27.646	30.047	32.418	37.073	44.87	.067	1444.5	126
150	-1.103	-1.107	.895	34.375	27.670	30.068	32.436	37.085	42.55	.078	1445.8	152
175	-0.867	-0.872	1.153	34.422	27.700	30.094	32.458	37.100	39.78	.088	1447.4	177
200	-0.691	-0.697	1.349	34.456	27.720	30.112	32.473	37.109	37.88	.098	1448.7	202
225	-0.525	-0.532	1.536	34.486	27.737	30.126	32.484	37.115	36.36	.107	1449.9	227
250	-0.247	-0.256	1.835	34.521	27.753	30.137	32.491	37.114	35.03	.116	1451.6	253
275	-0.080	-0.090	2.024	34.567	27.782	30.164	32.515	37.132	32.37	.125	1452.9	278
300	.444	.431	2.569	34.613	27.790	30.164	32.508	37.109	32.00	.133	1455.8	303
325	.525	.511	2.670	34.632	27.800	30.173	32.516	37.115	31.12	.141	1456.6	329
350	.562	.547	2.727	34.638	27.803	30.175	32.517	37.115	30.95	.148	1457.2	354
375	.015	.000	2.197	34.606	27.808	30.189	32.539	37.153	29.92	.156	1455.0	379
400	.211	.195	2.413	34.621	27.809	30.187	32.534	37.143	30.00	.164	1456.4	404
425	.224	.206	2.445	34.627	27.814	30.191	32.538	37.146	29.61	.171	1456.8	430
450	-0.086	-0.104	2.153	34.607	27.814	30.196	32.548	37.165	29.16	.178	1455.8	455
475	-0.063	-0.082	2.194	34.607	27.813	30.195	32.547	37.163	29.29	.186	1456.3	480
500	-0.070	-0.090	2.207	34.607	27.813	30.195	32.547	37.163	29.27	.193	1456.7	506
550	-0.021	-0.043	2.294	34.611	27.814	30.196	32.547	37.162	29.18	.208	1457.8	556
600	-0.040	-0.065	2.313	34.611	27.815	30.197	32.548	37.164	29.03	.222	1458.5	607
650	.150	.122	2.542	34.631	27.821	30.200	32.549	37.159	28.79	.237	1460.3	658
700	.119	.089	2.549	34.628	27.820	30.200	32.549	37.160	28.83	.251	1461.0	708
750	.131	.098	2.599	34.630	27.821	30.201	32.550	37.161	28.72	.265	1461.9	759
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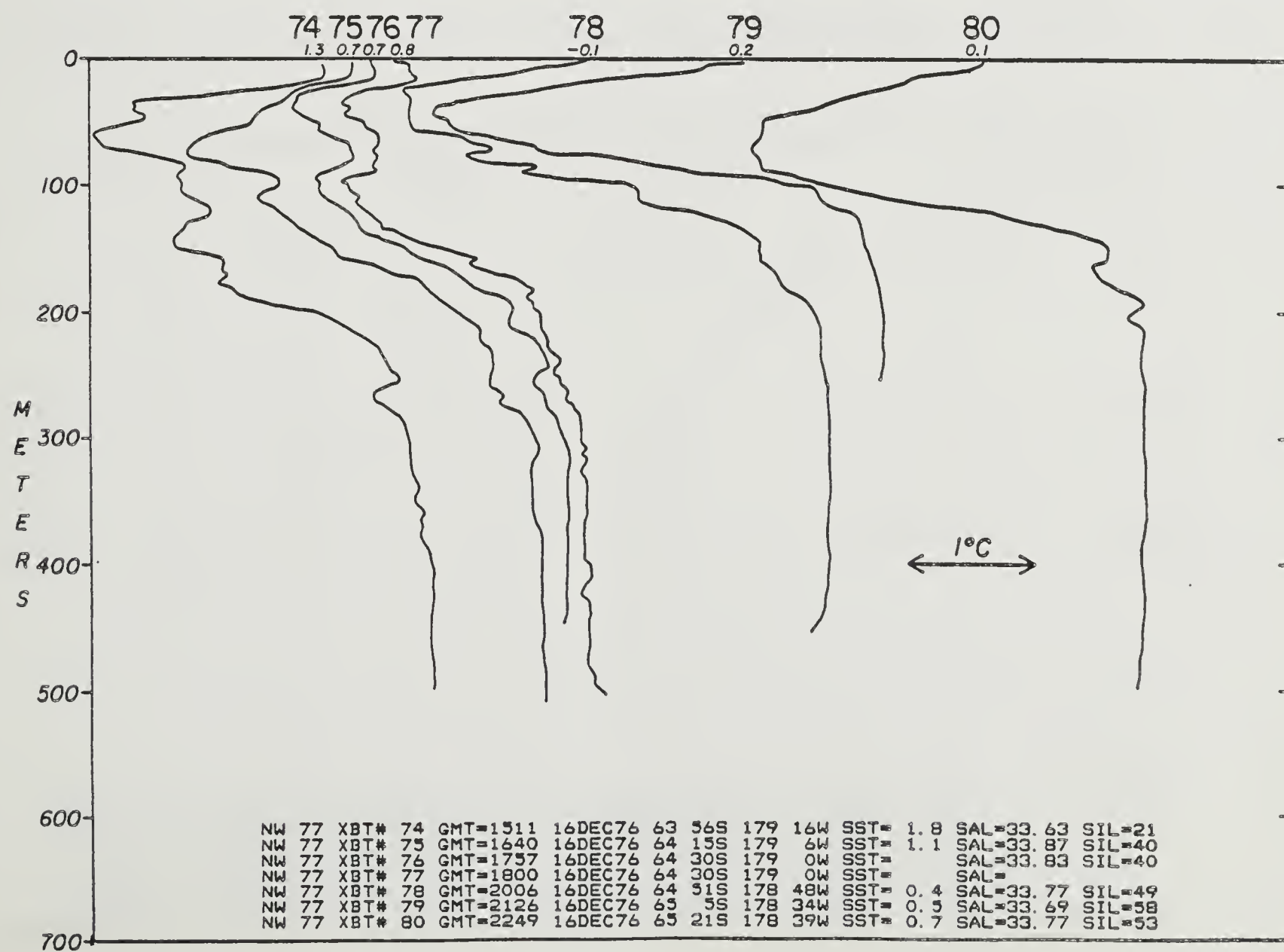
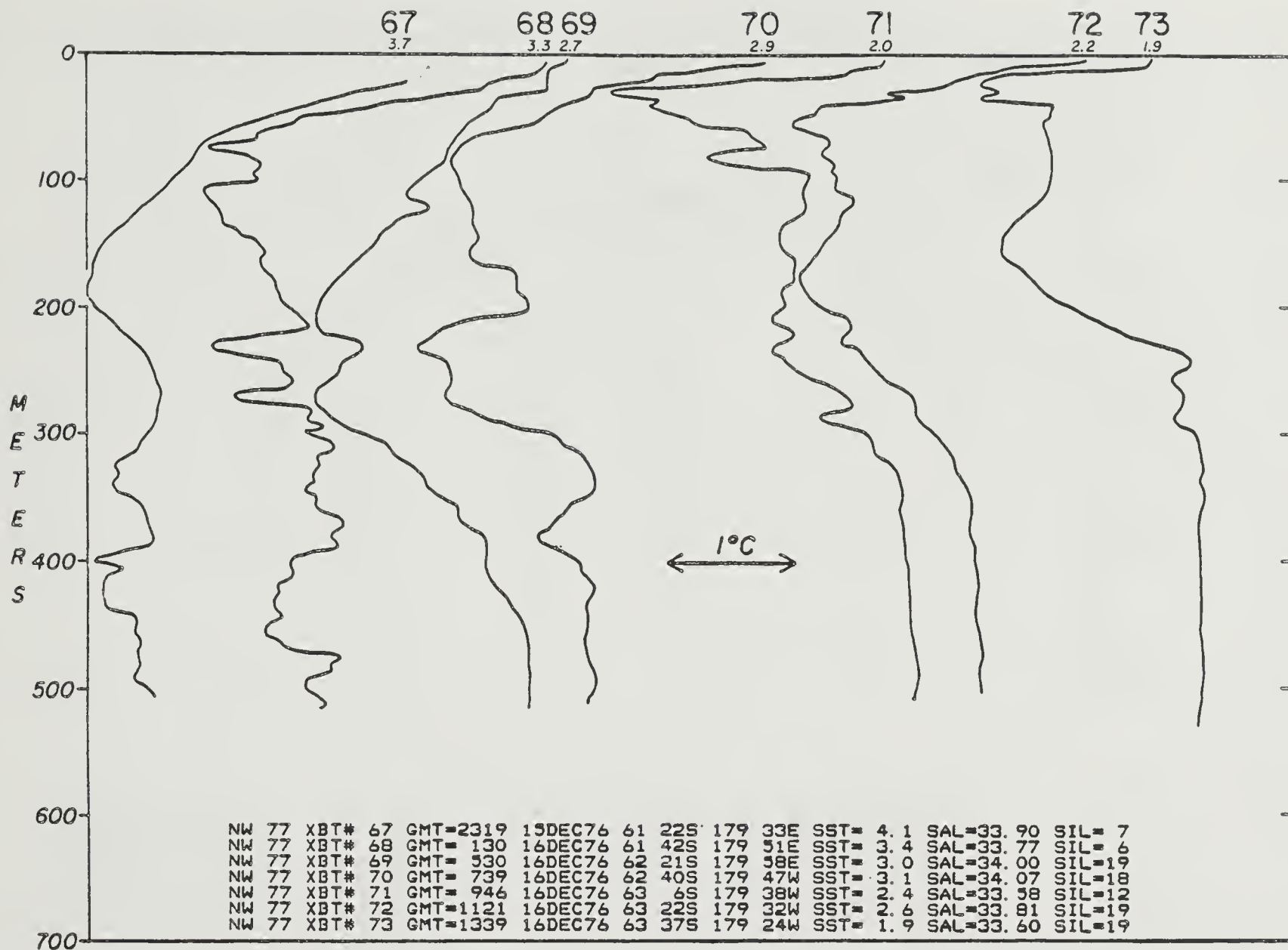


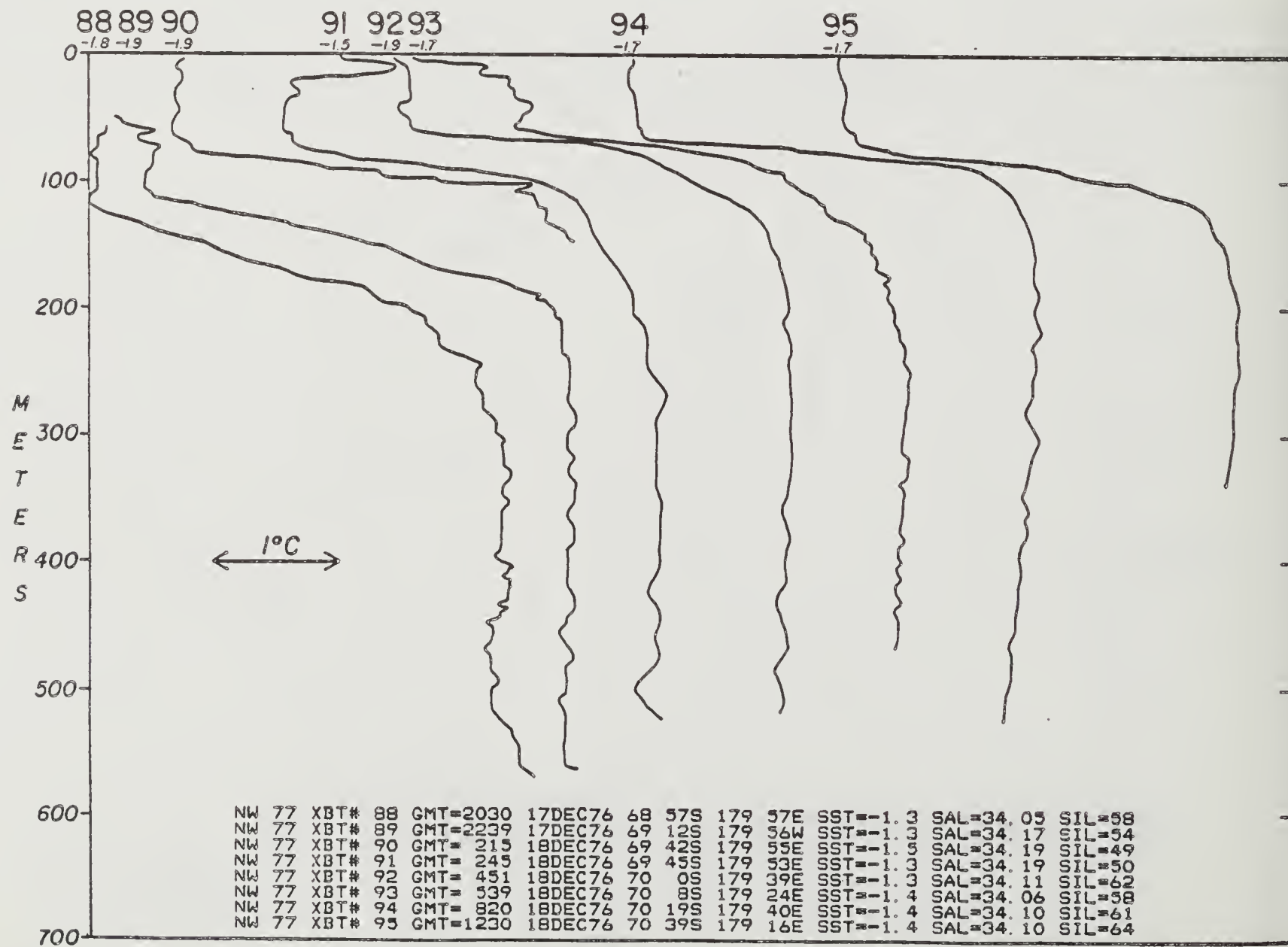
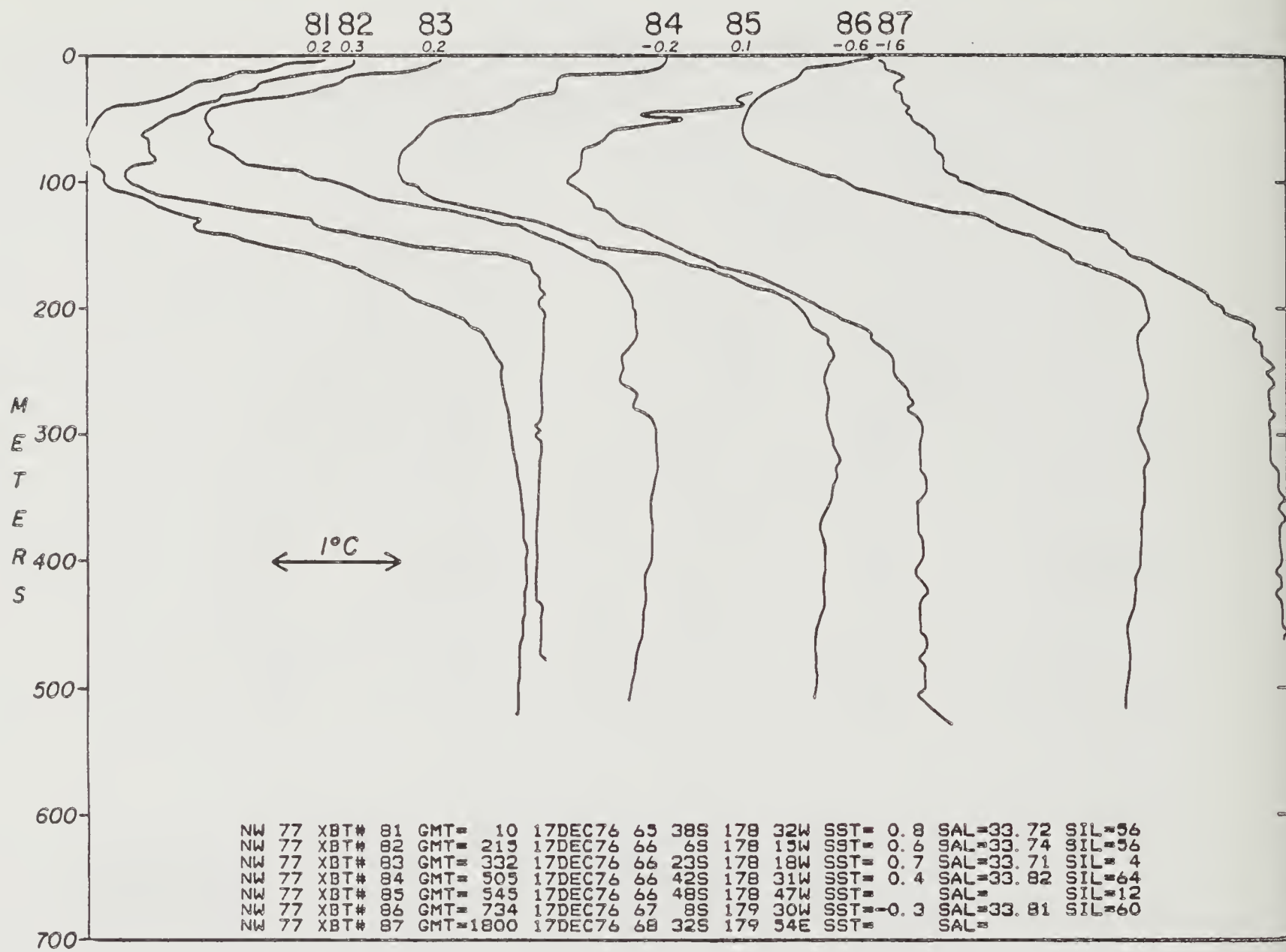


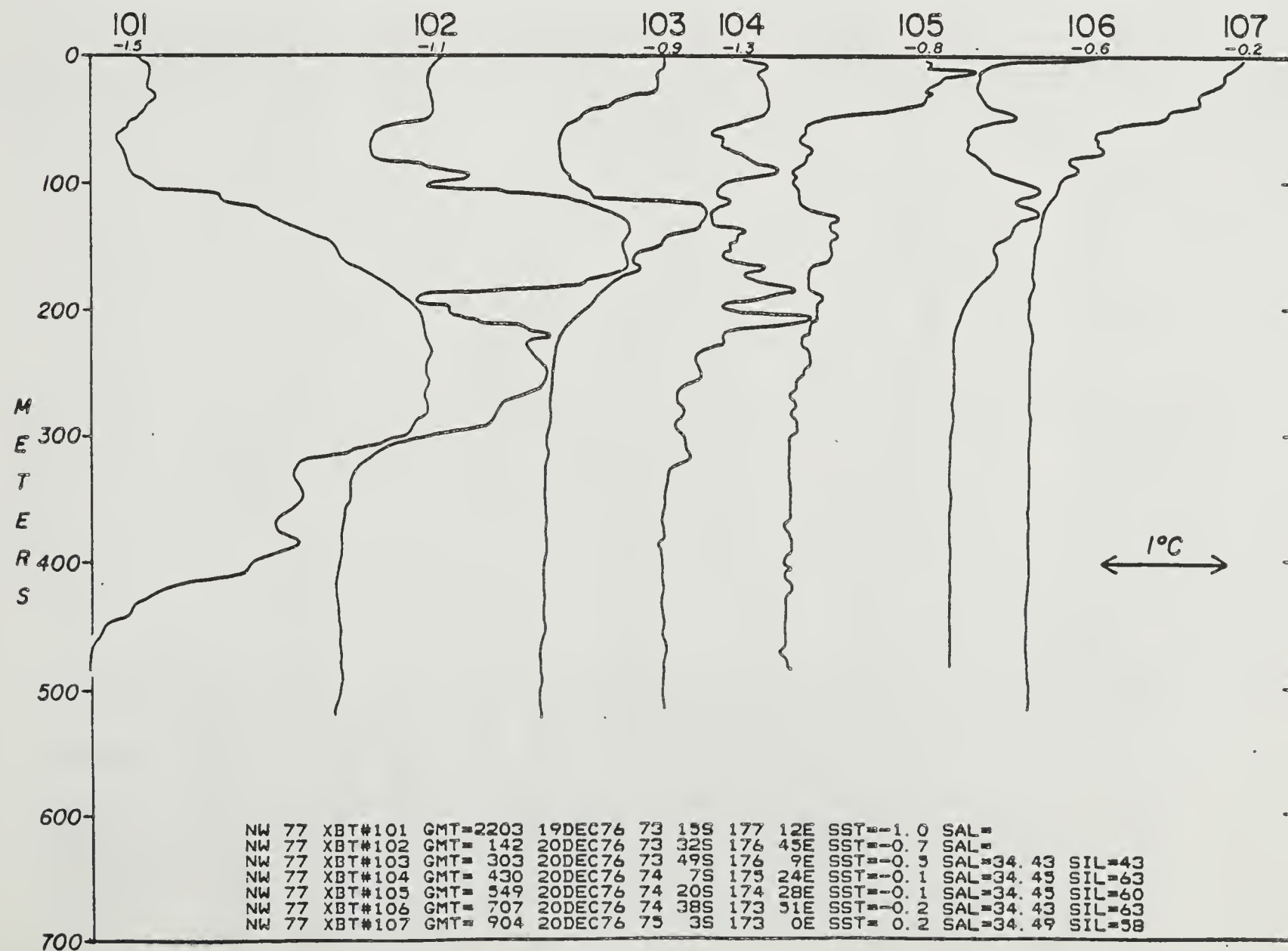
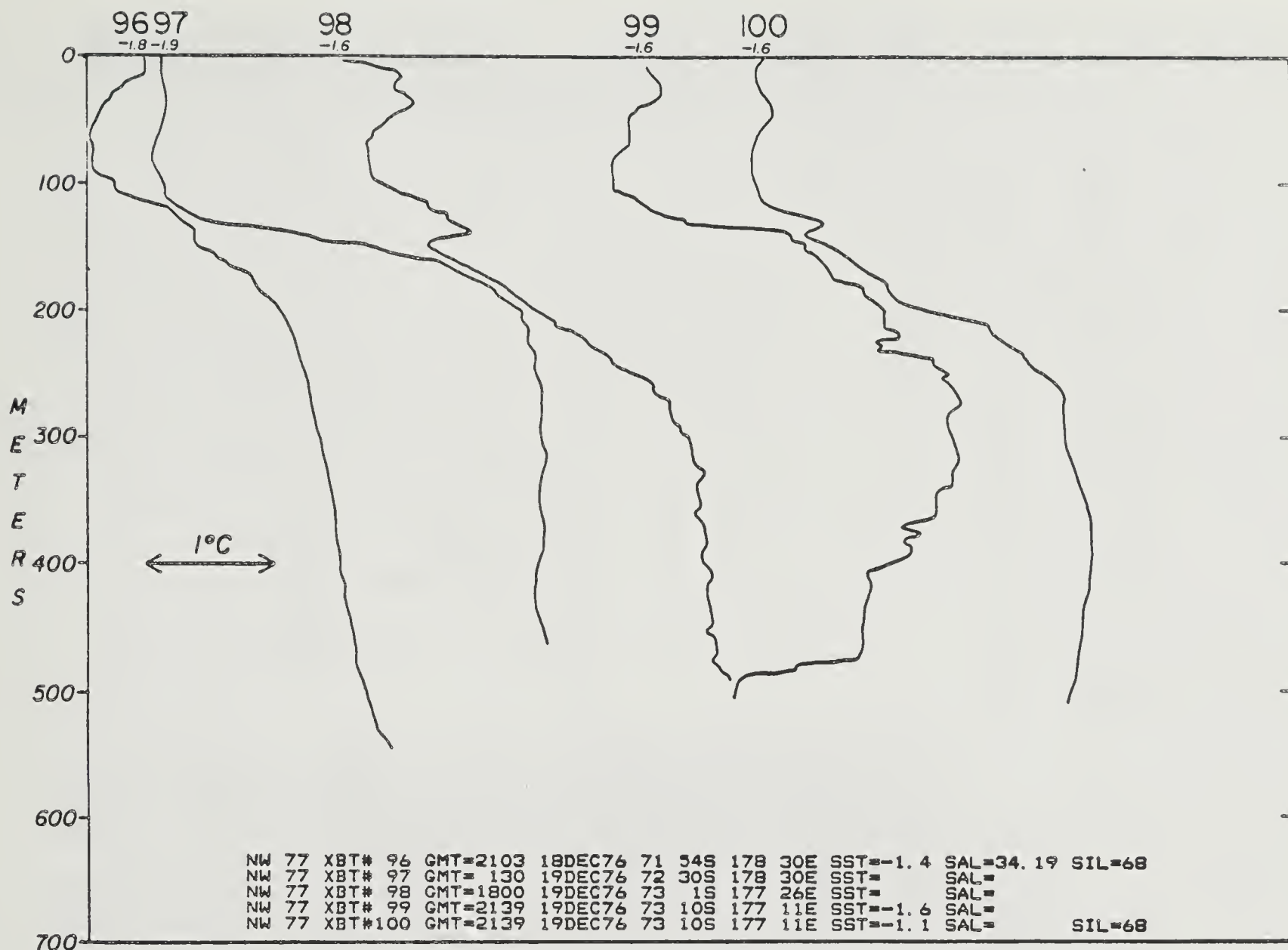


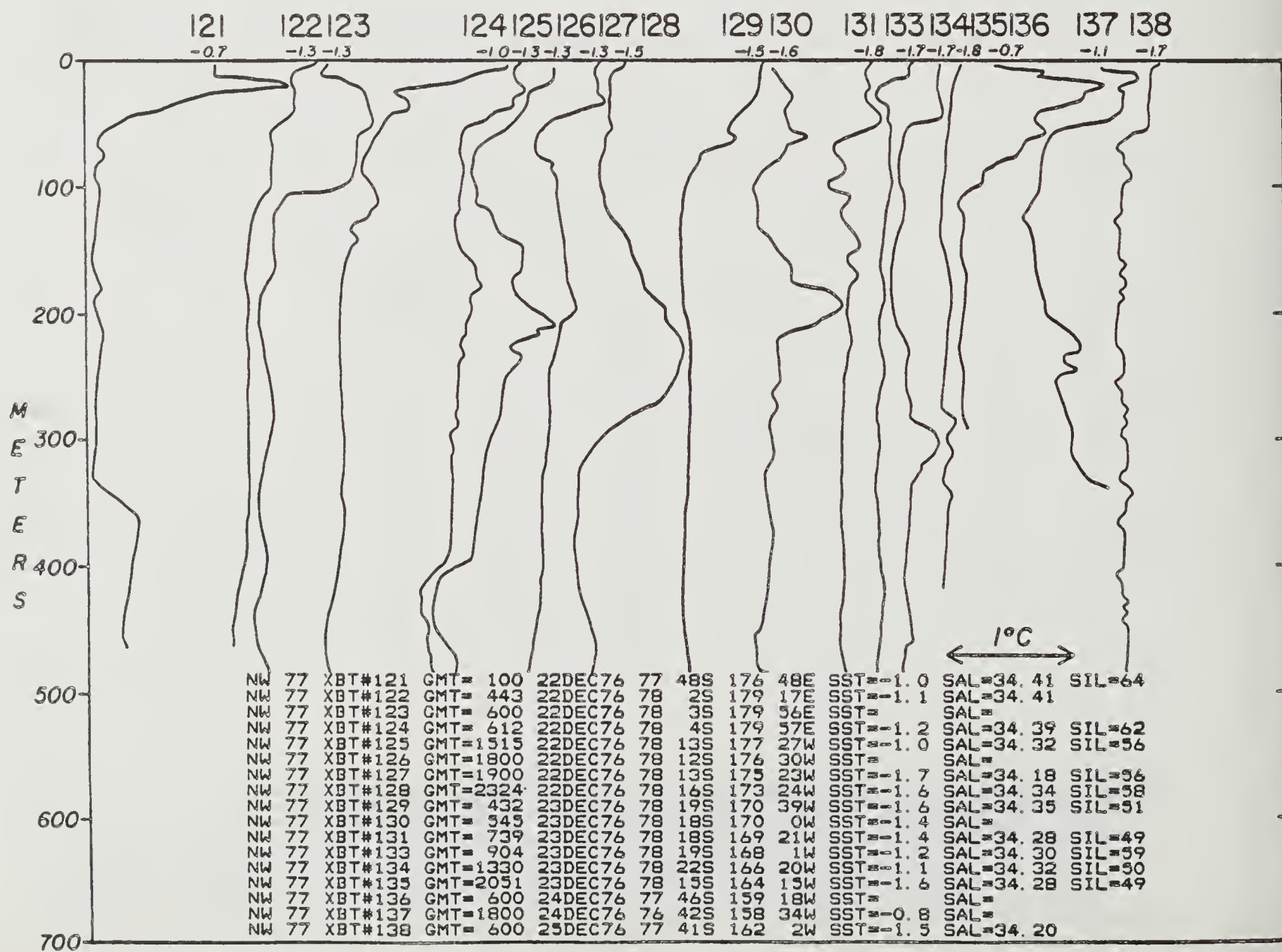
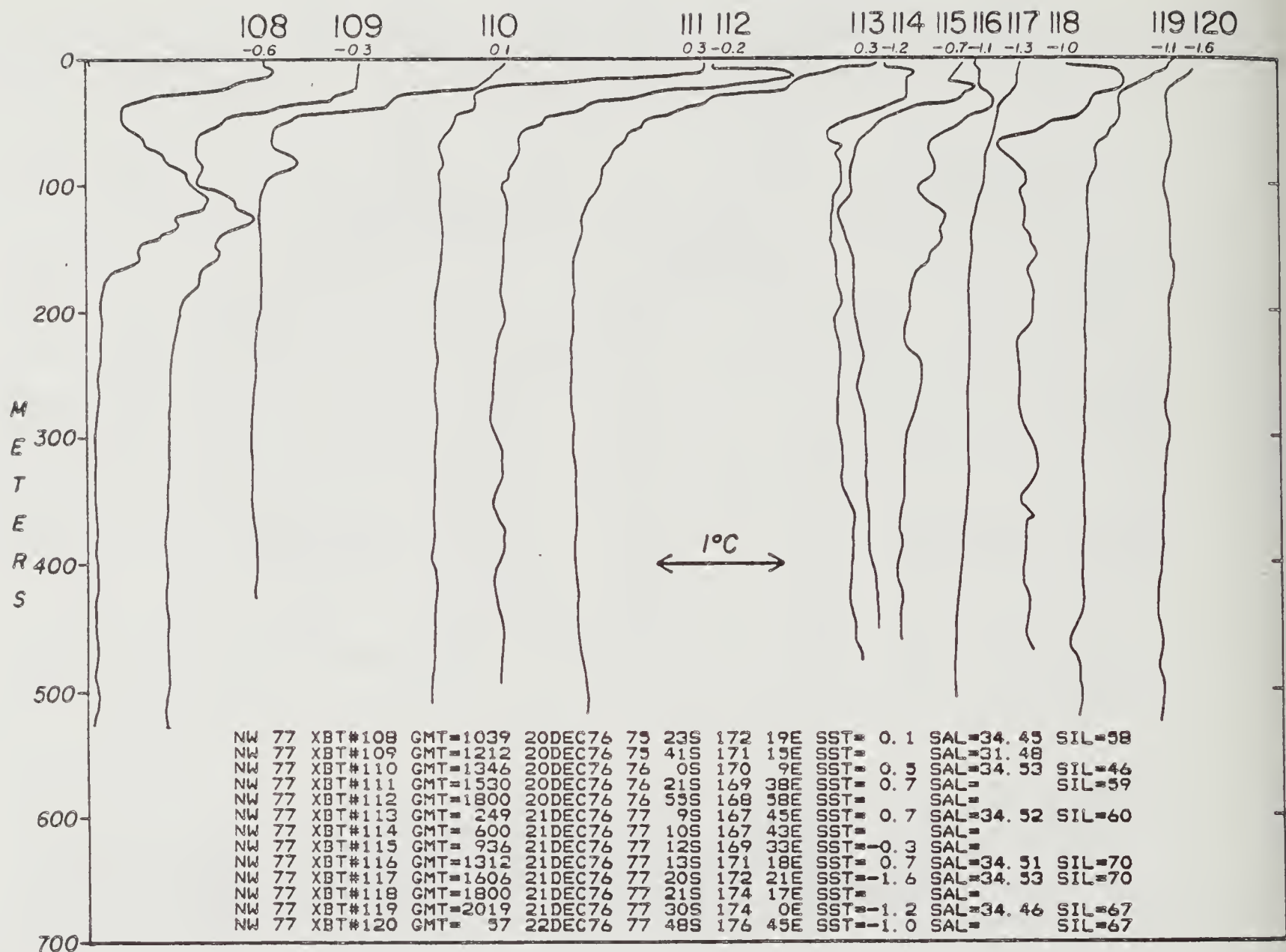


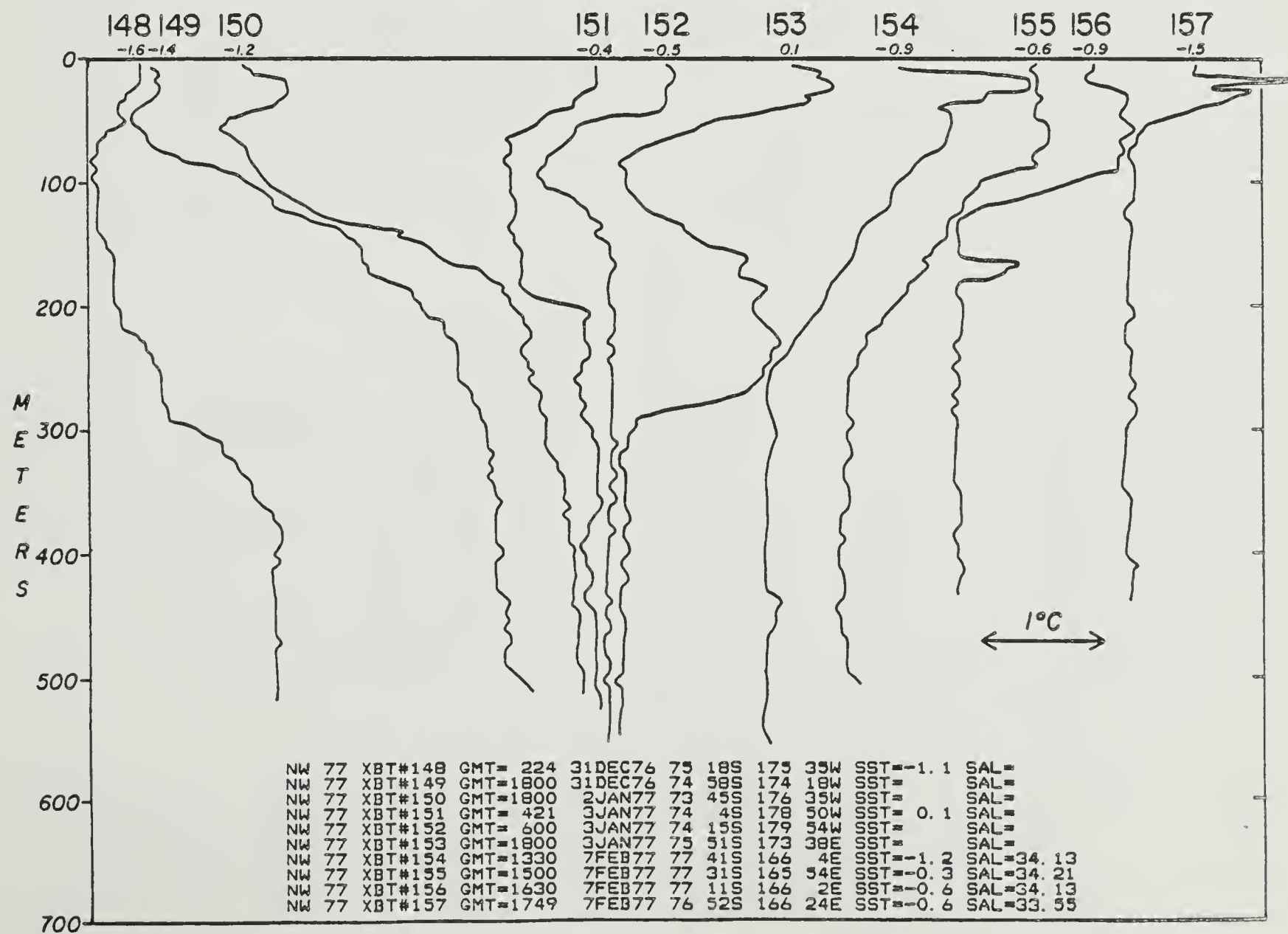
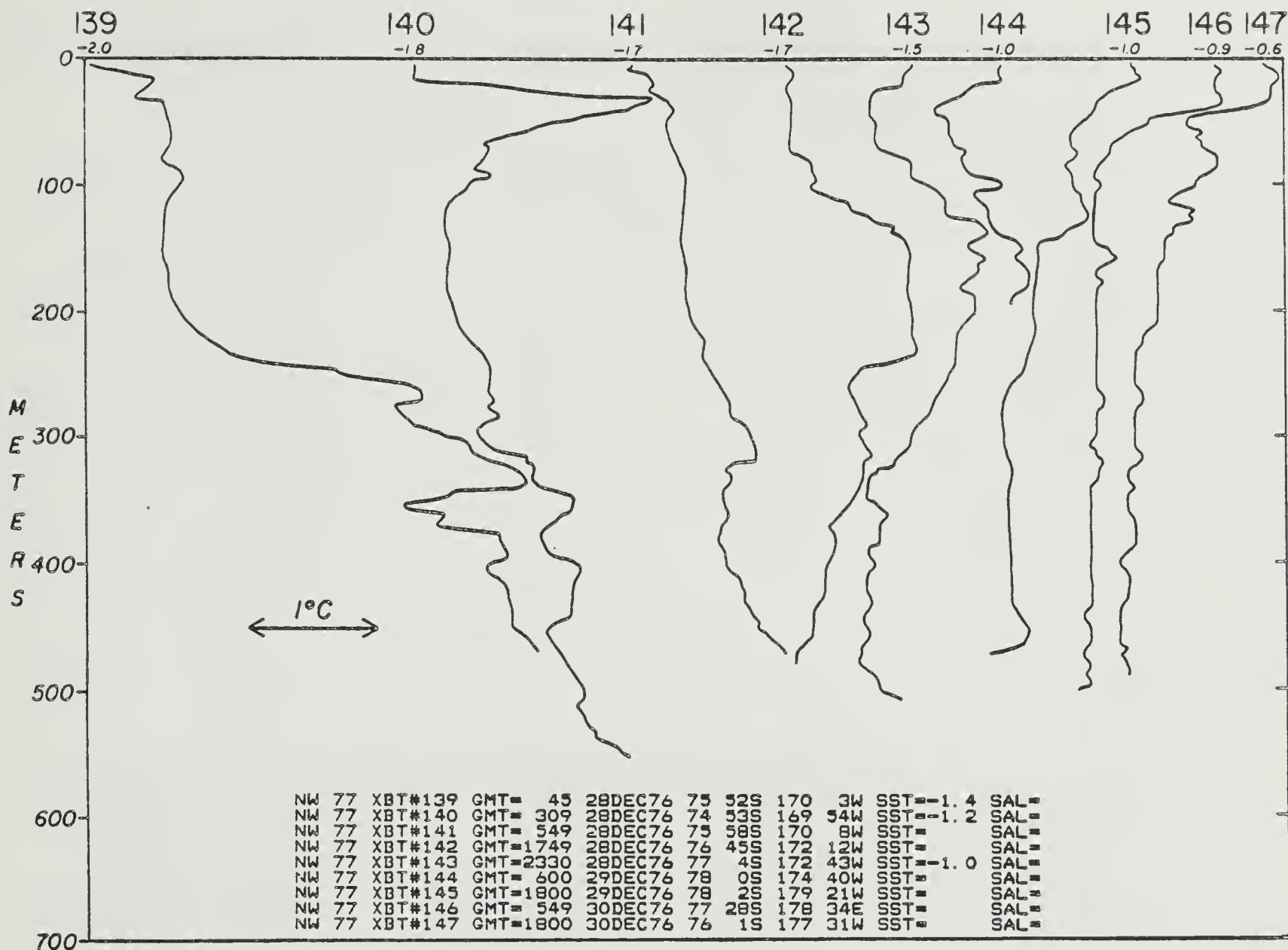


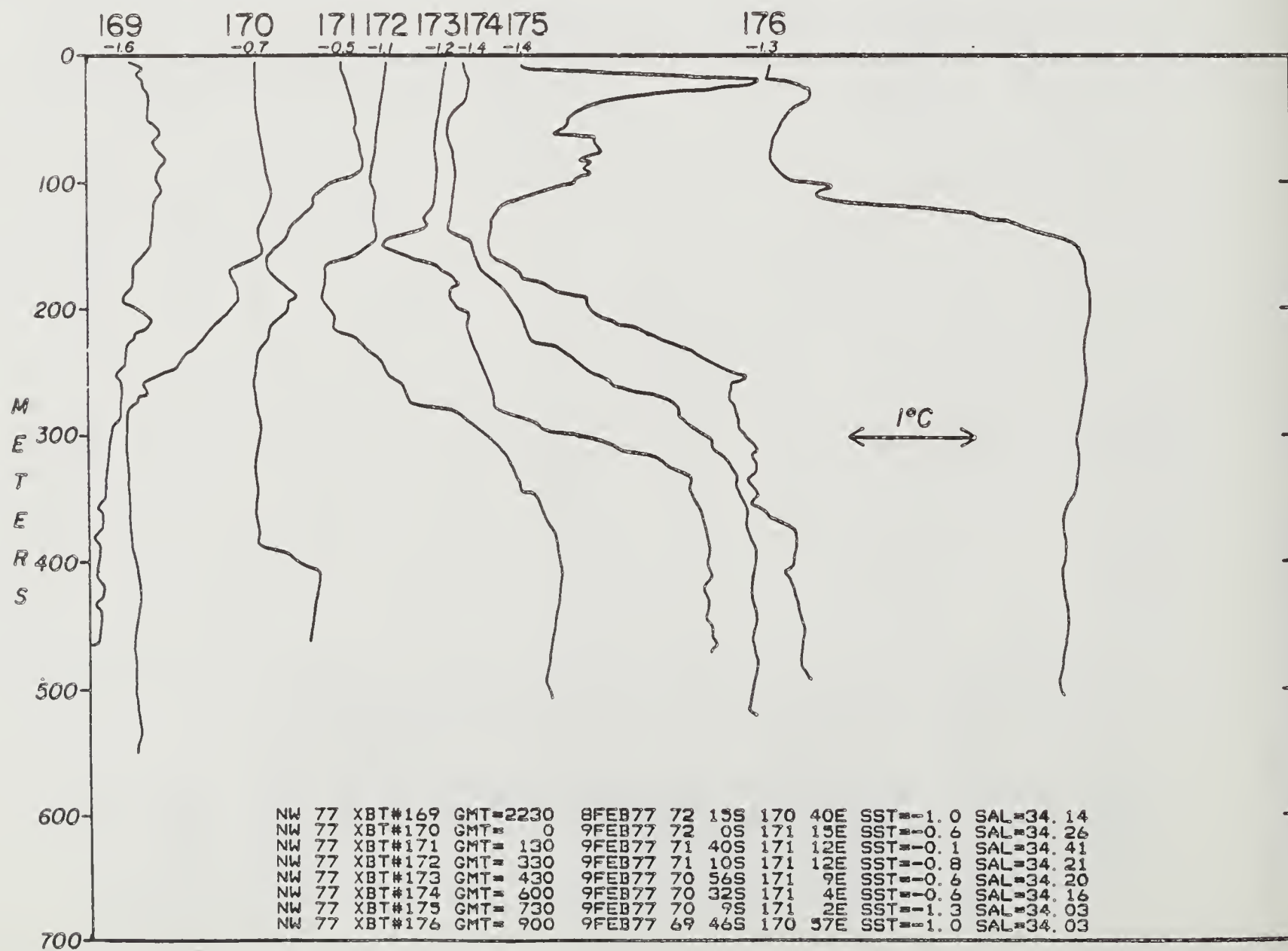
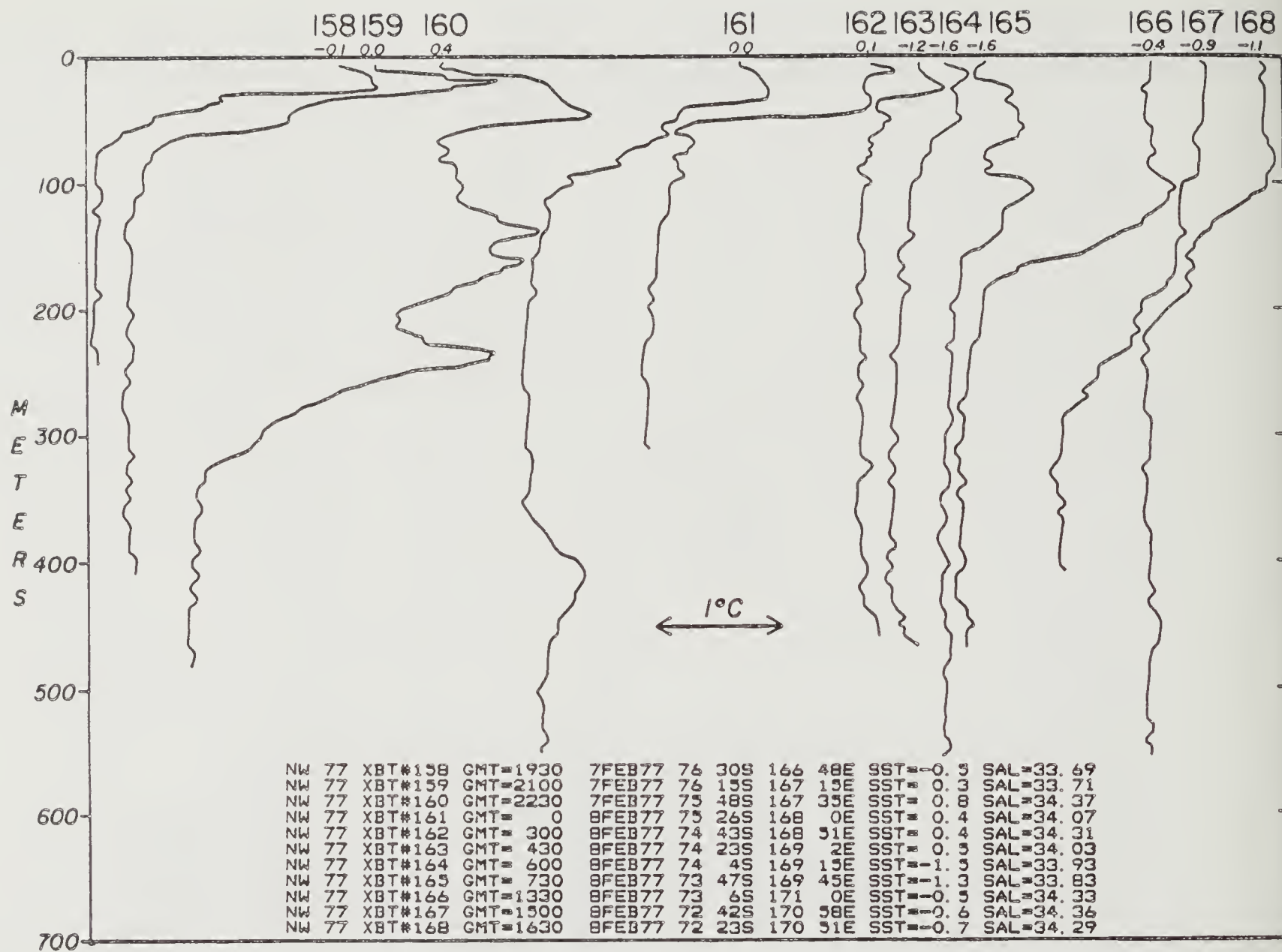


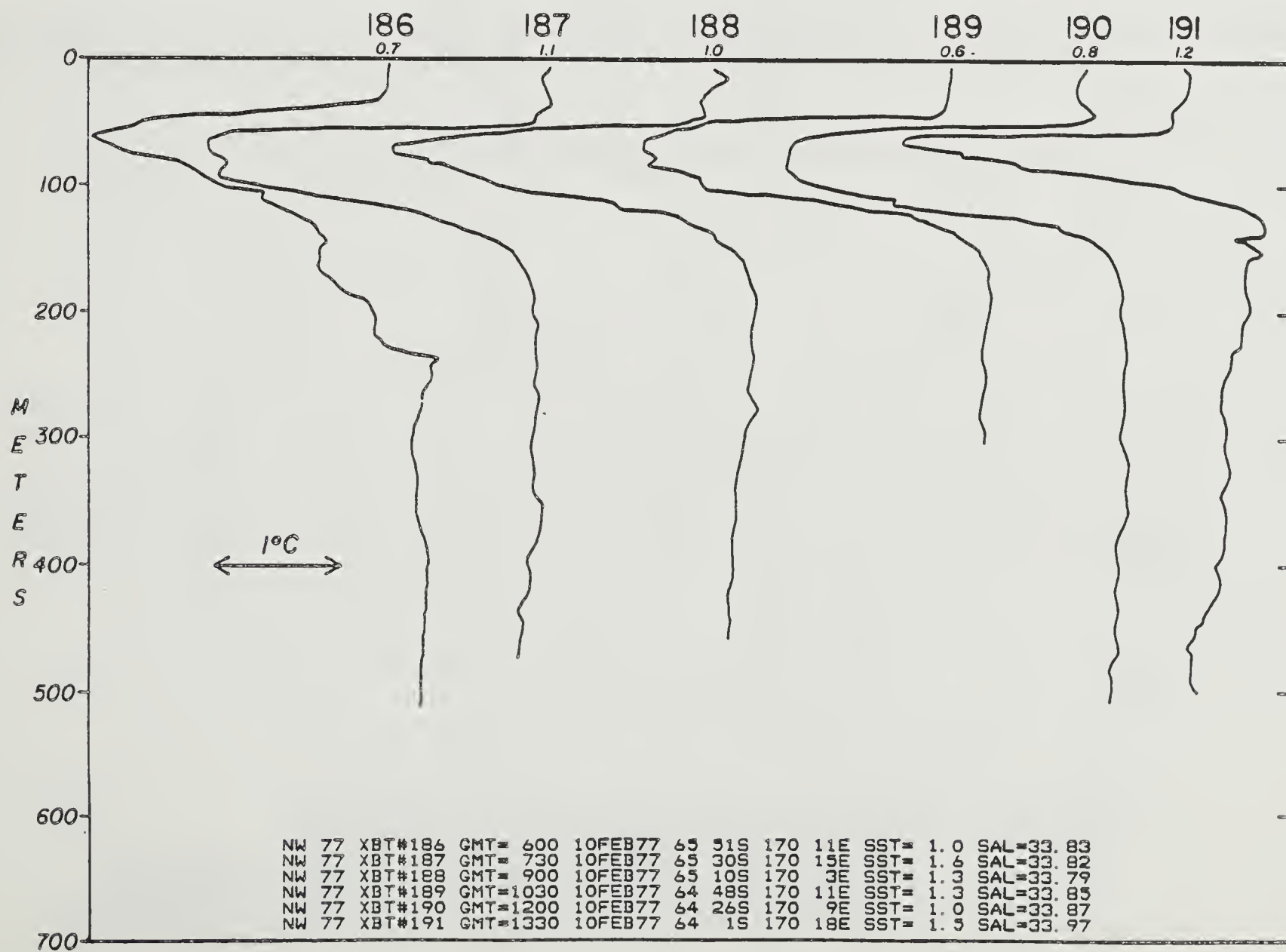
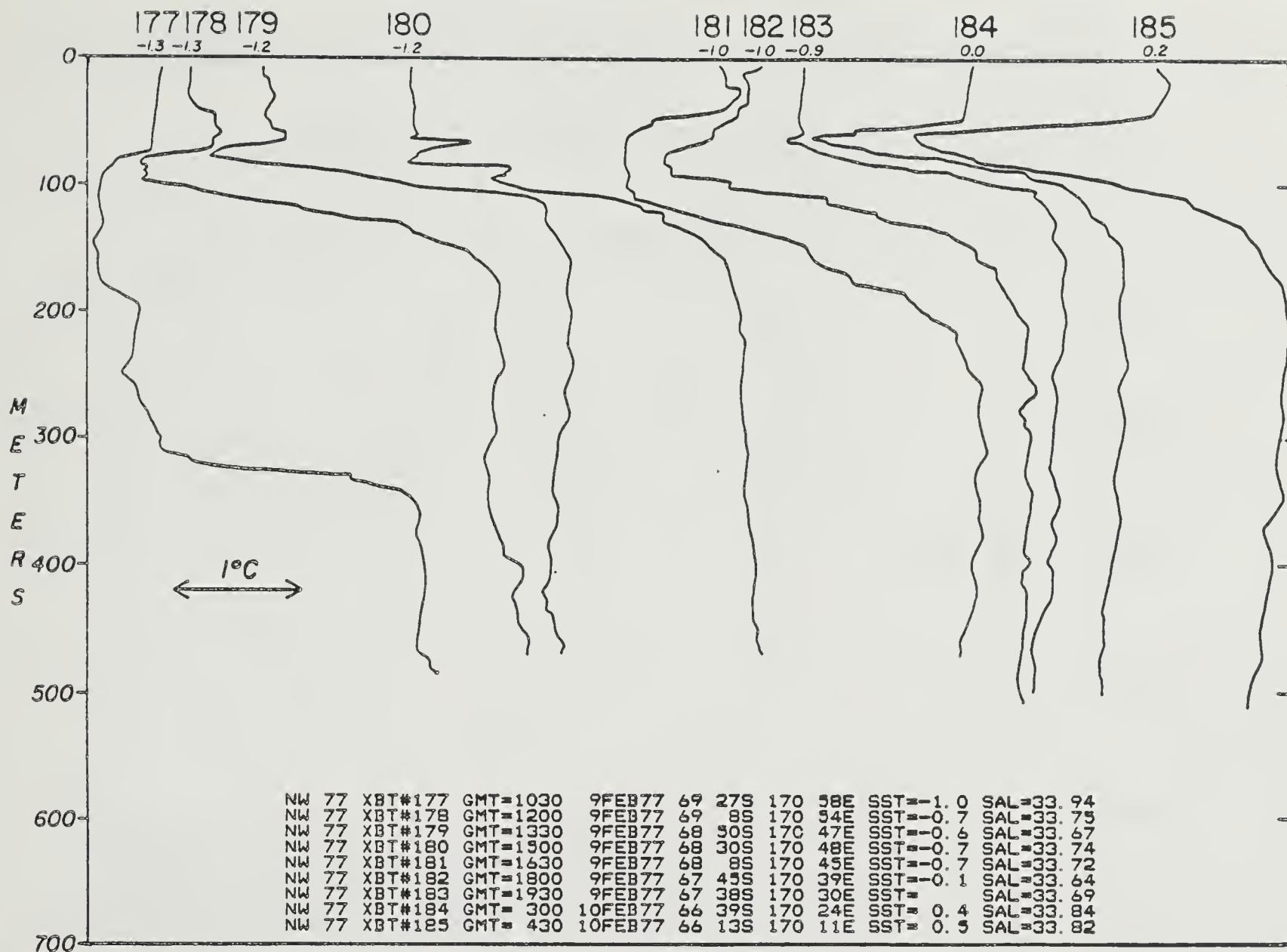


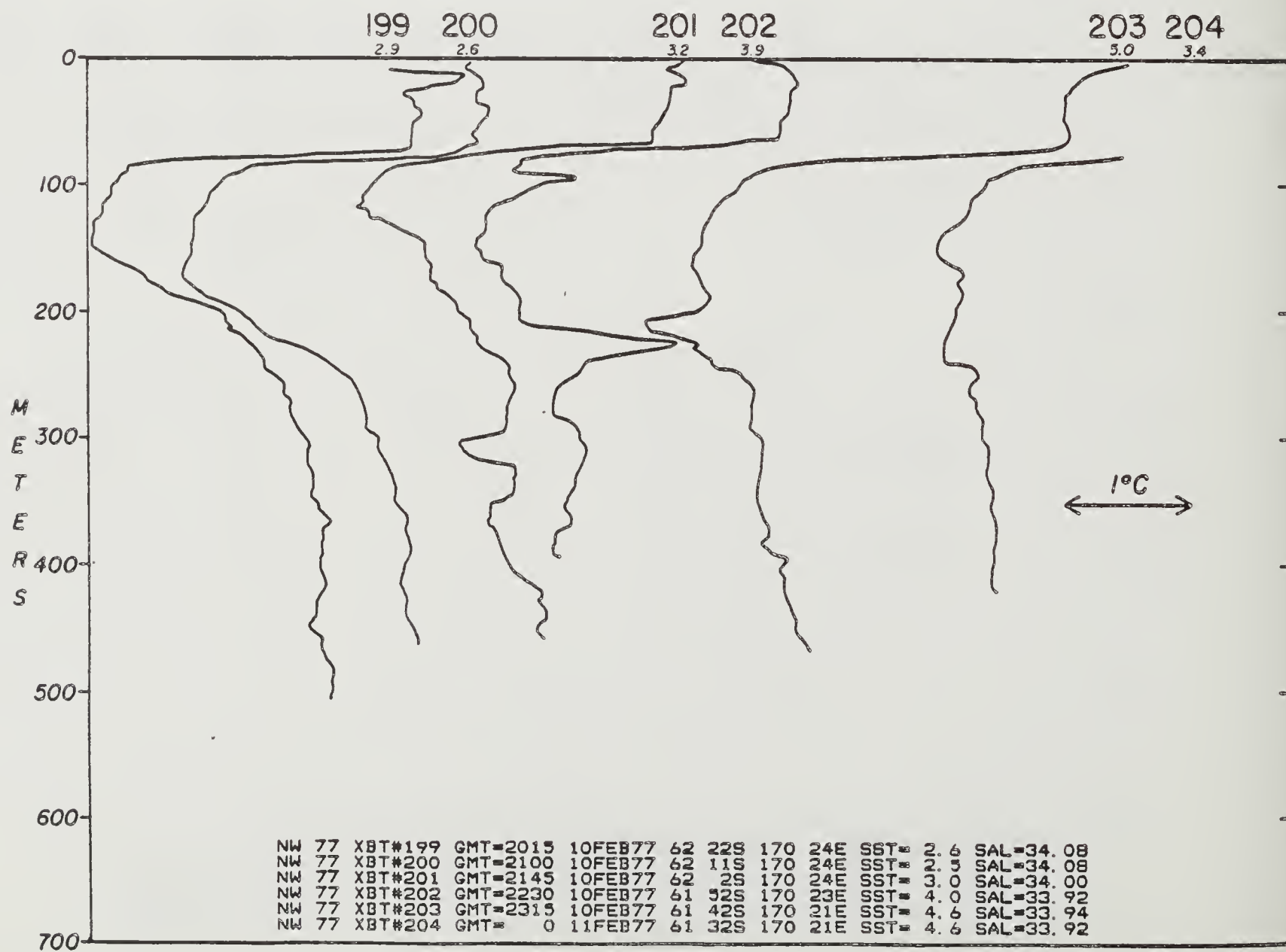
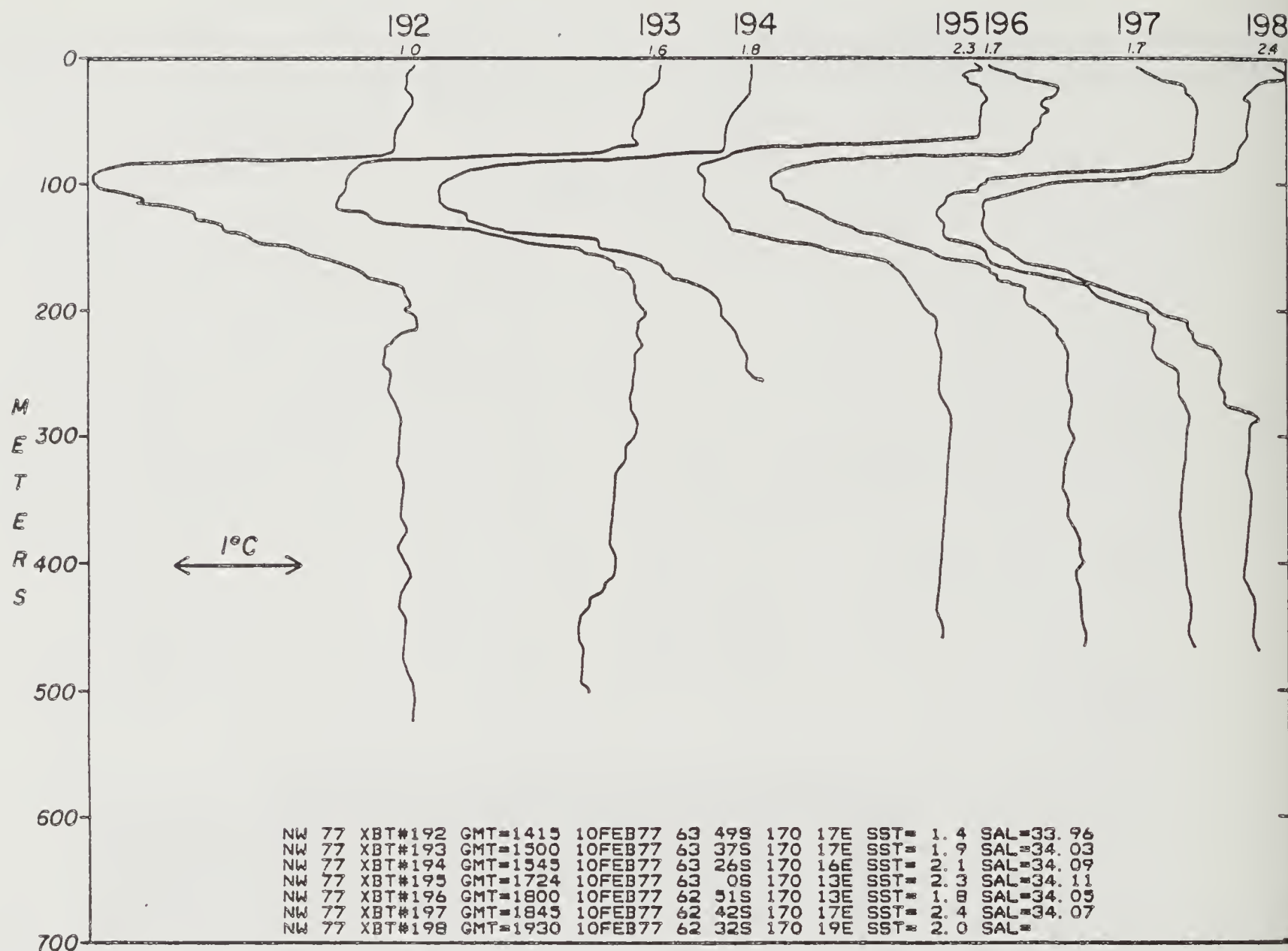


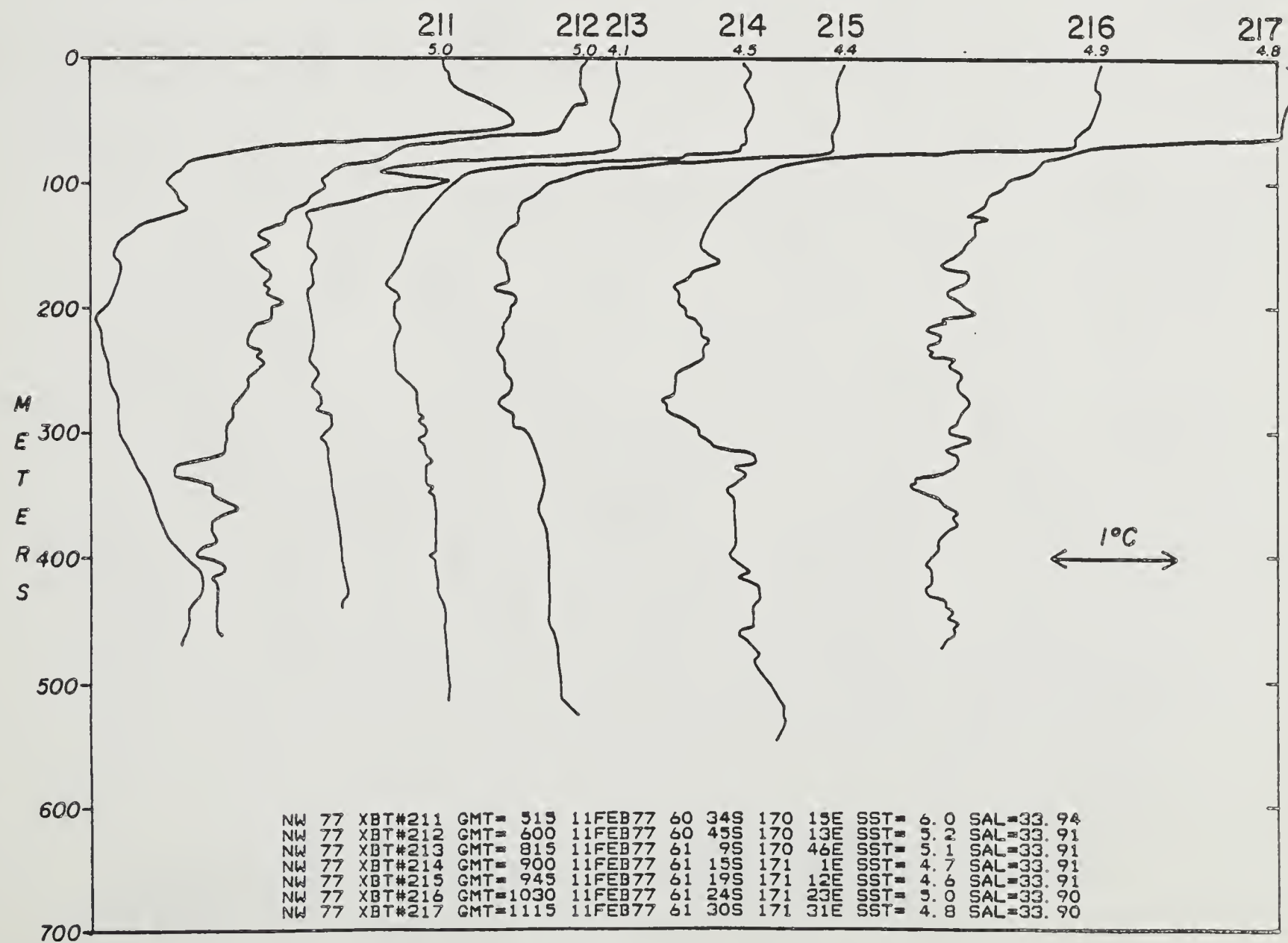
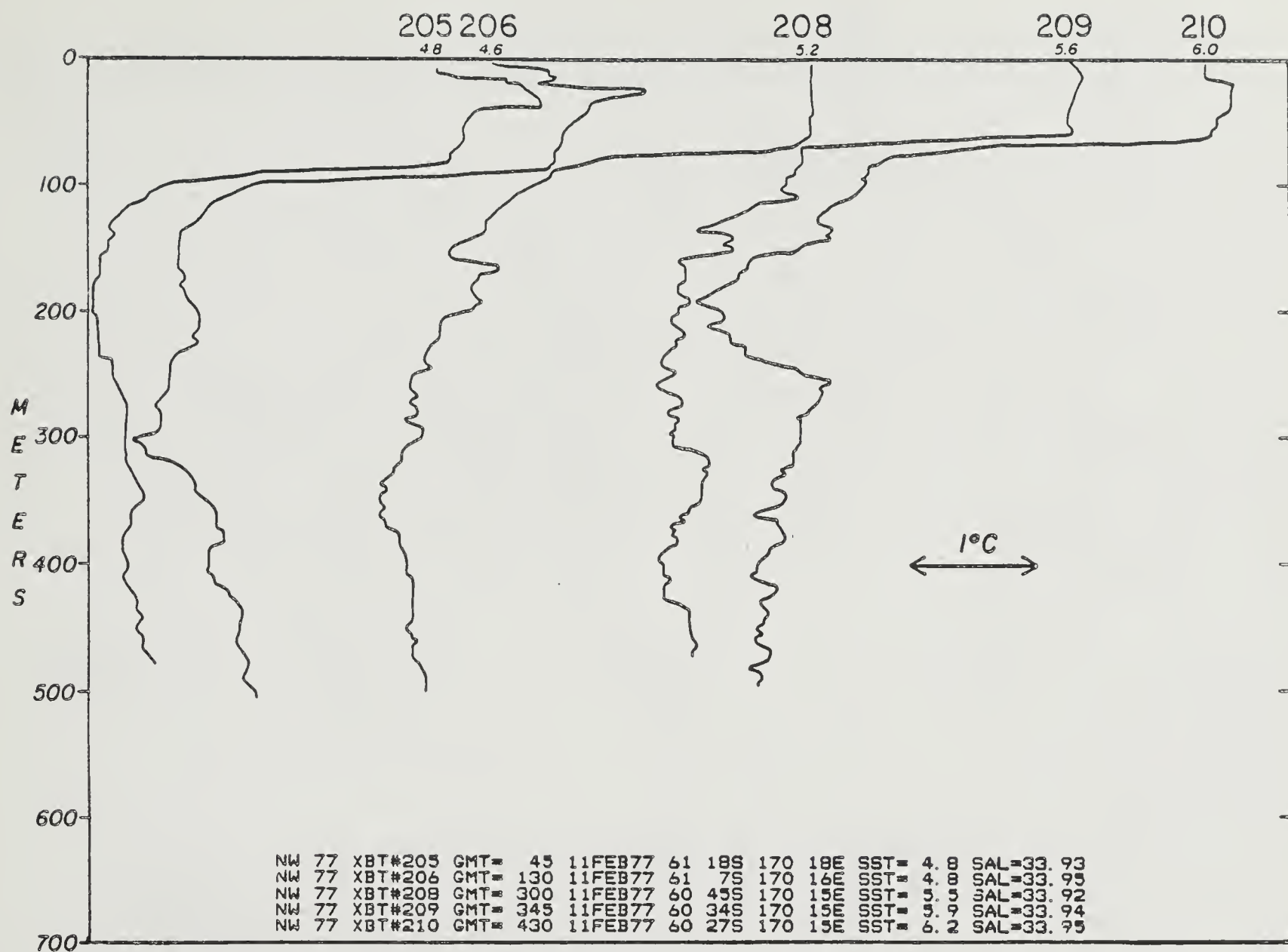


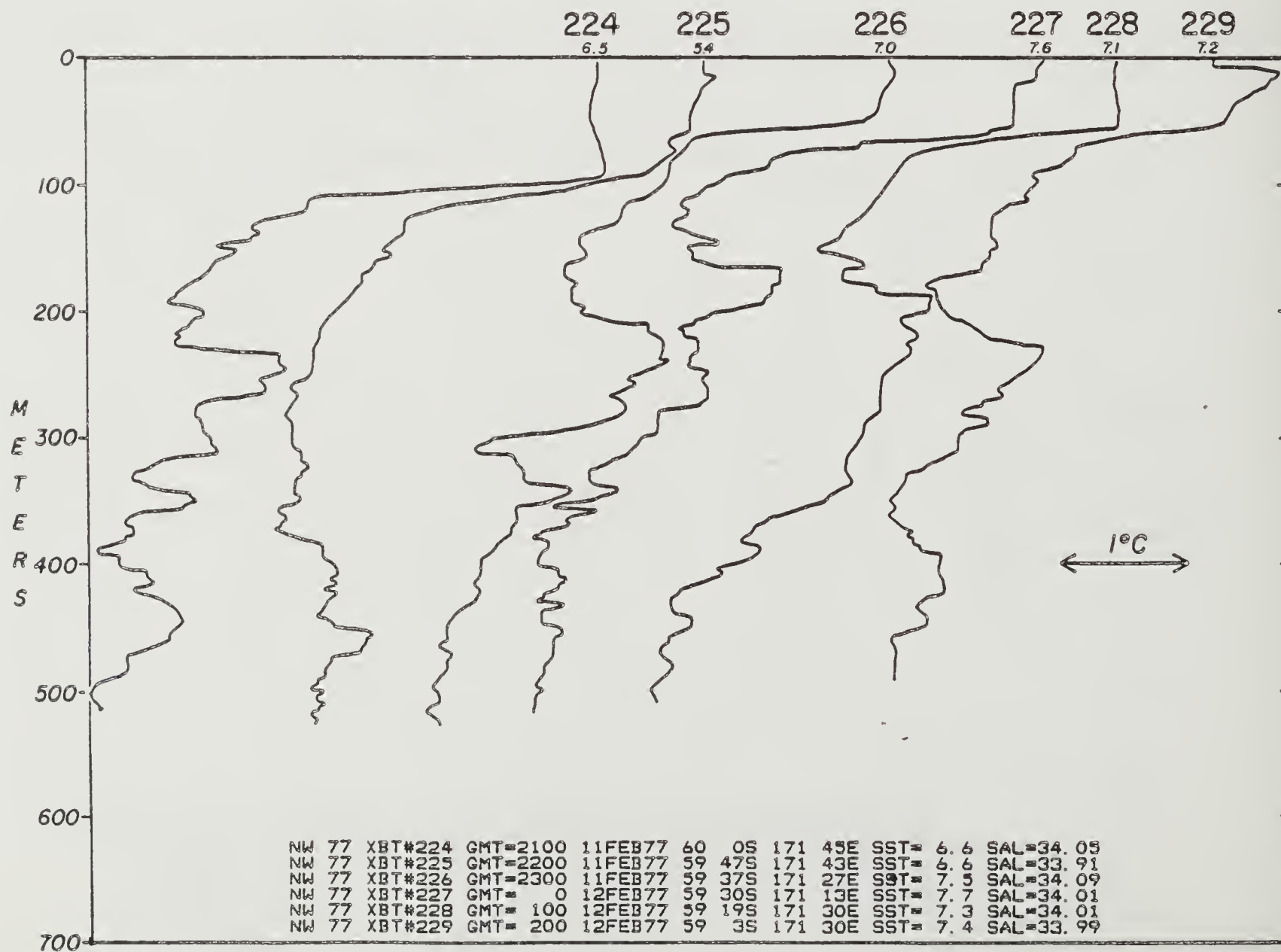
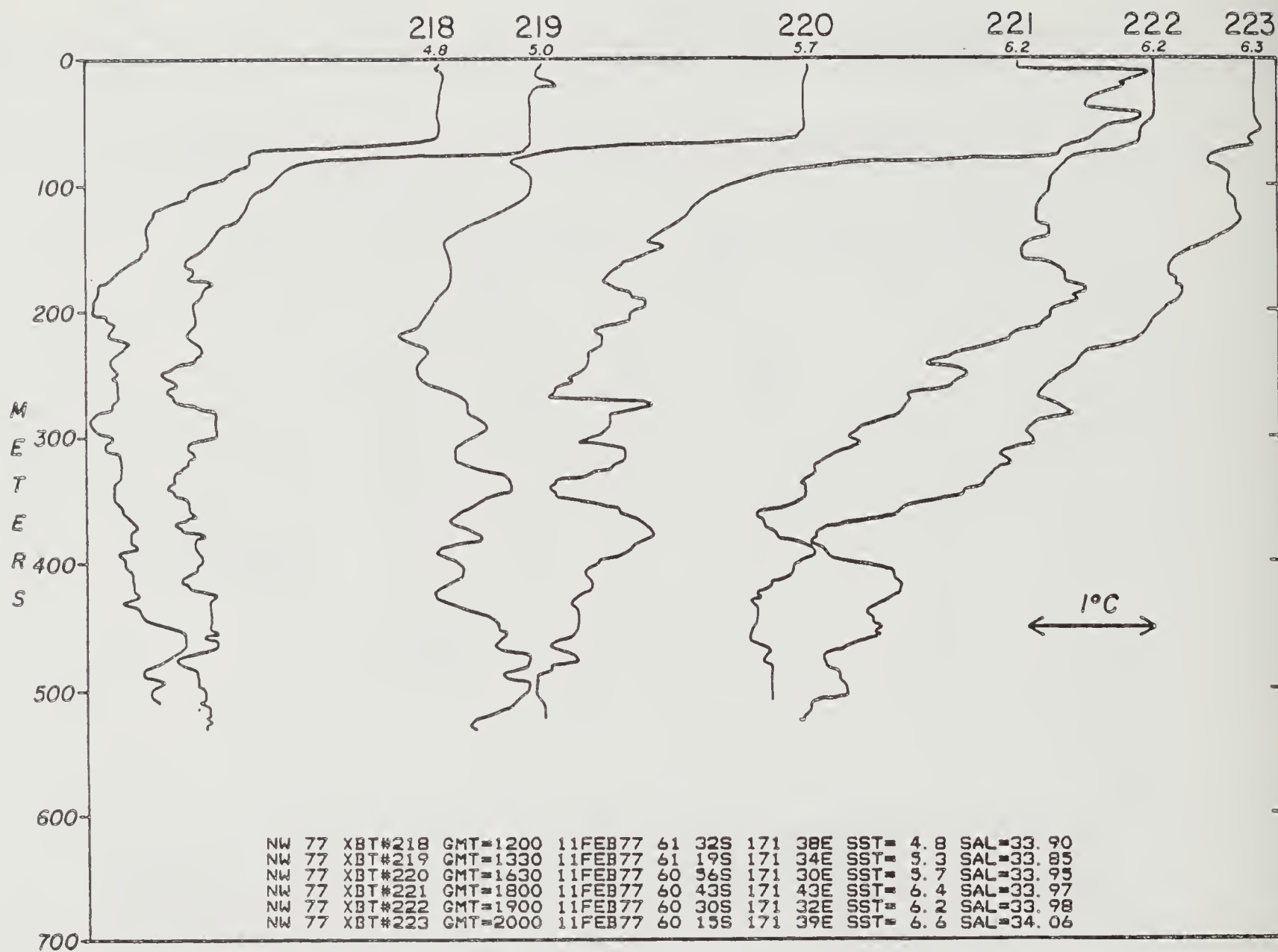


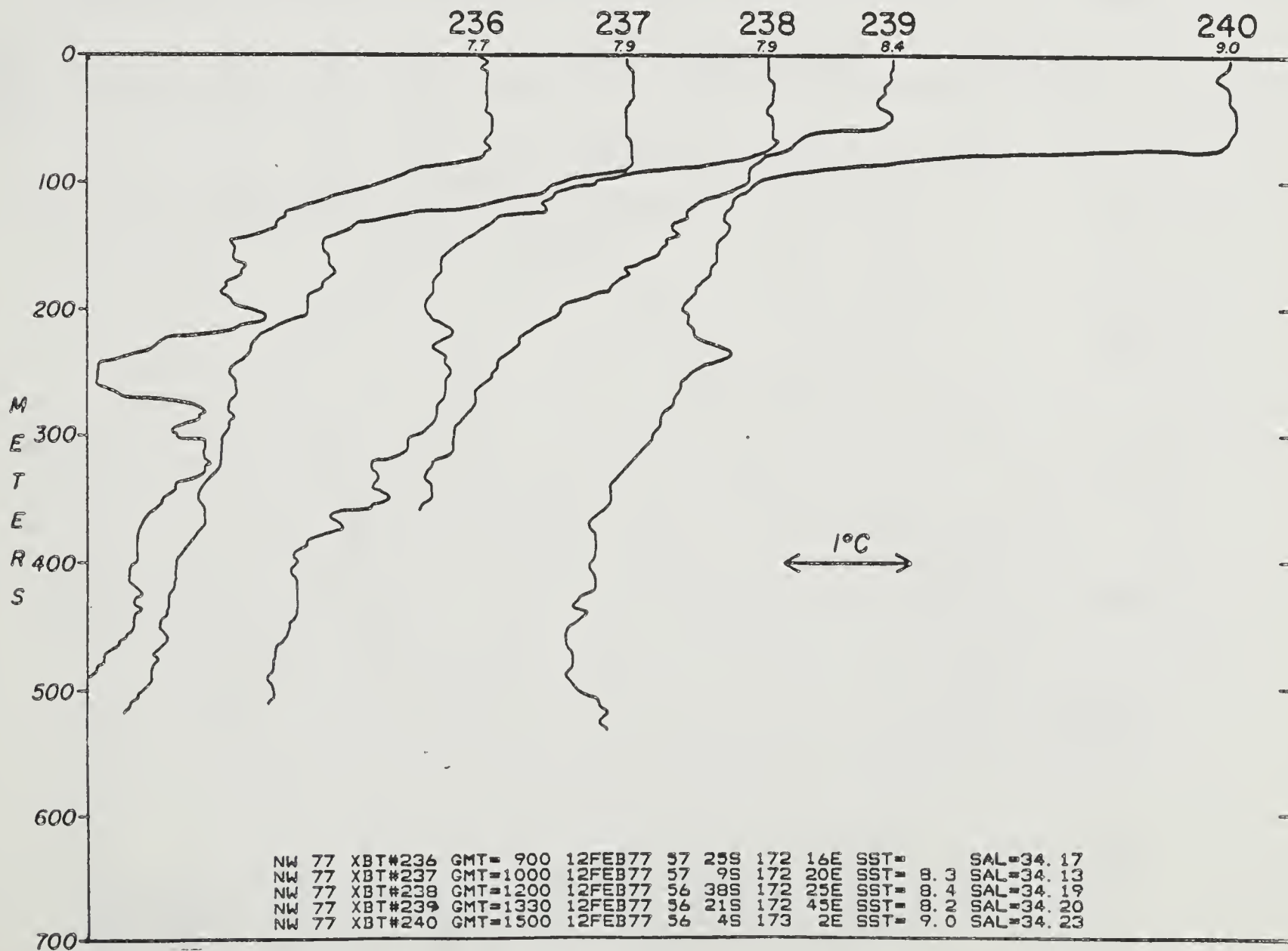
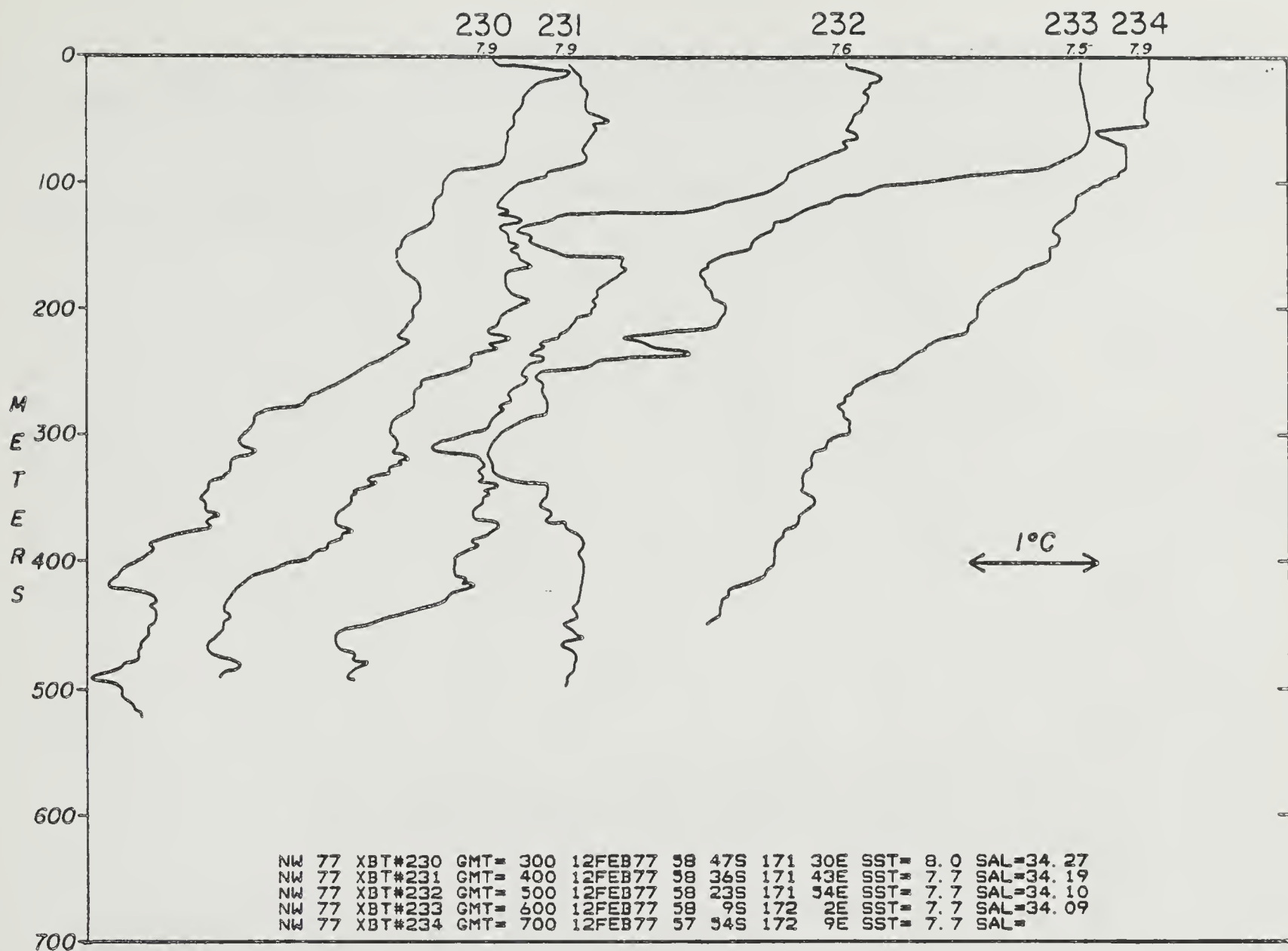


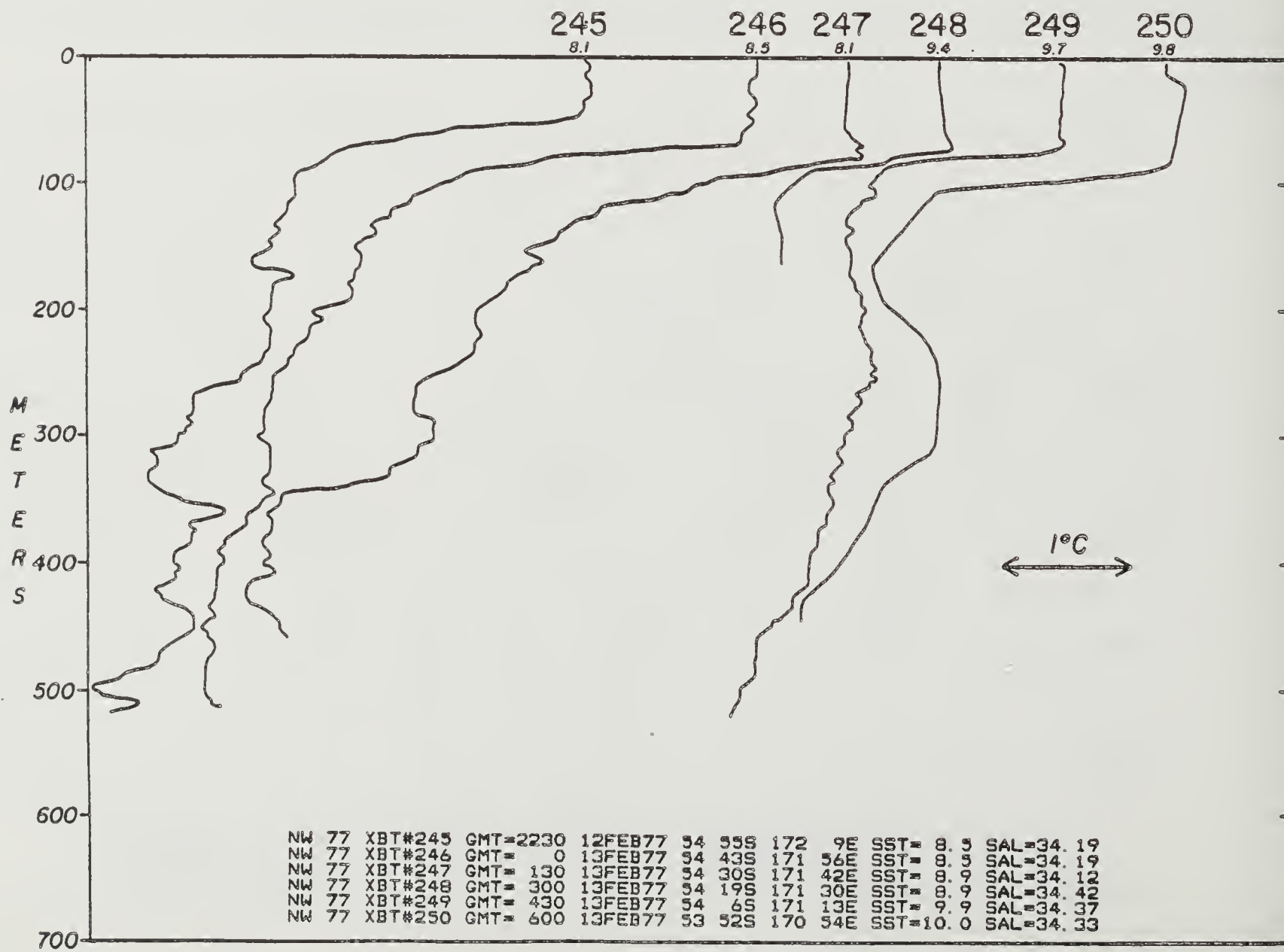
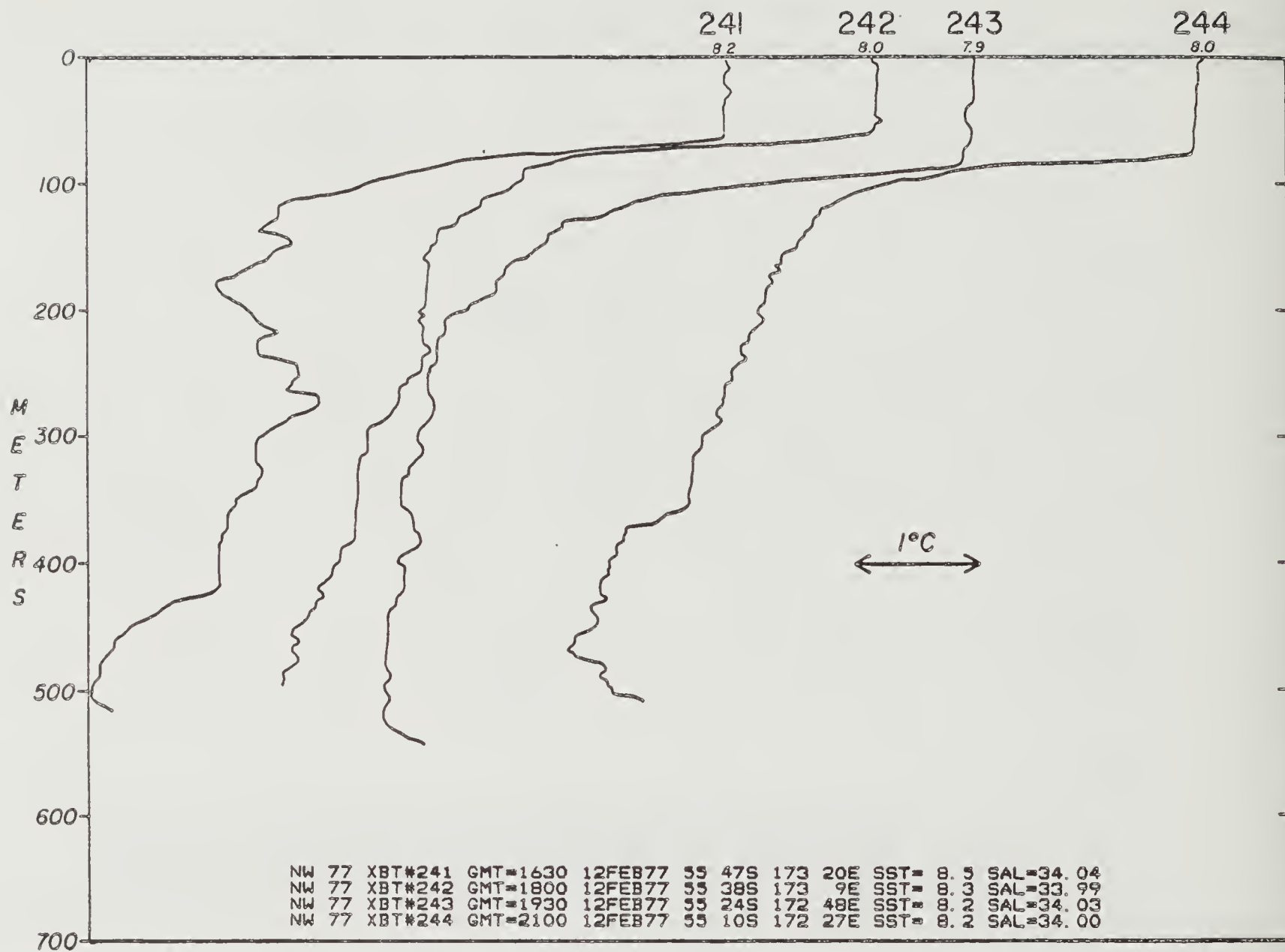


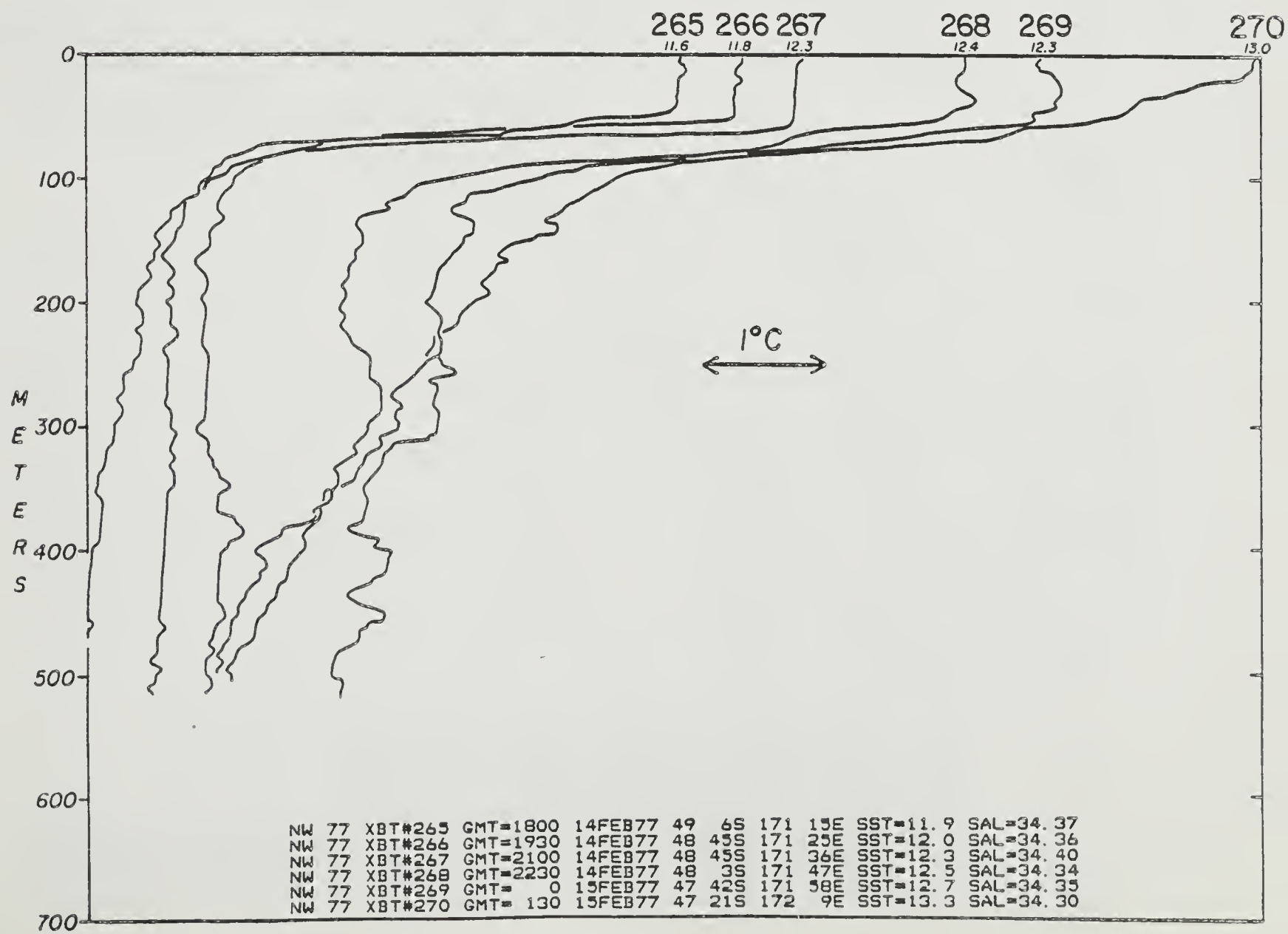
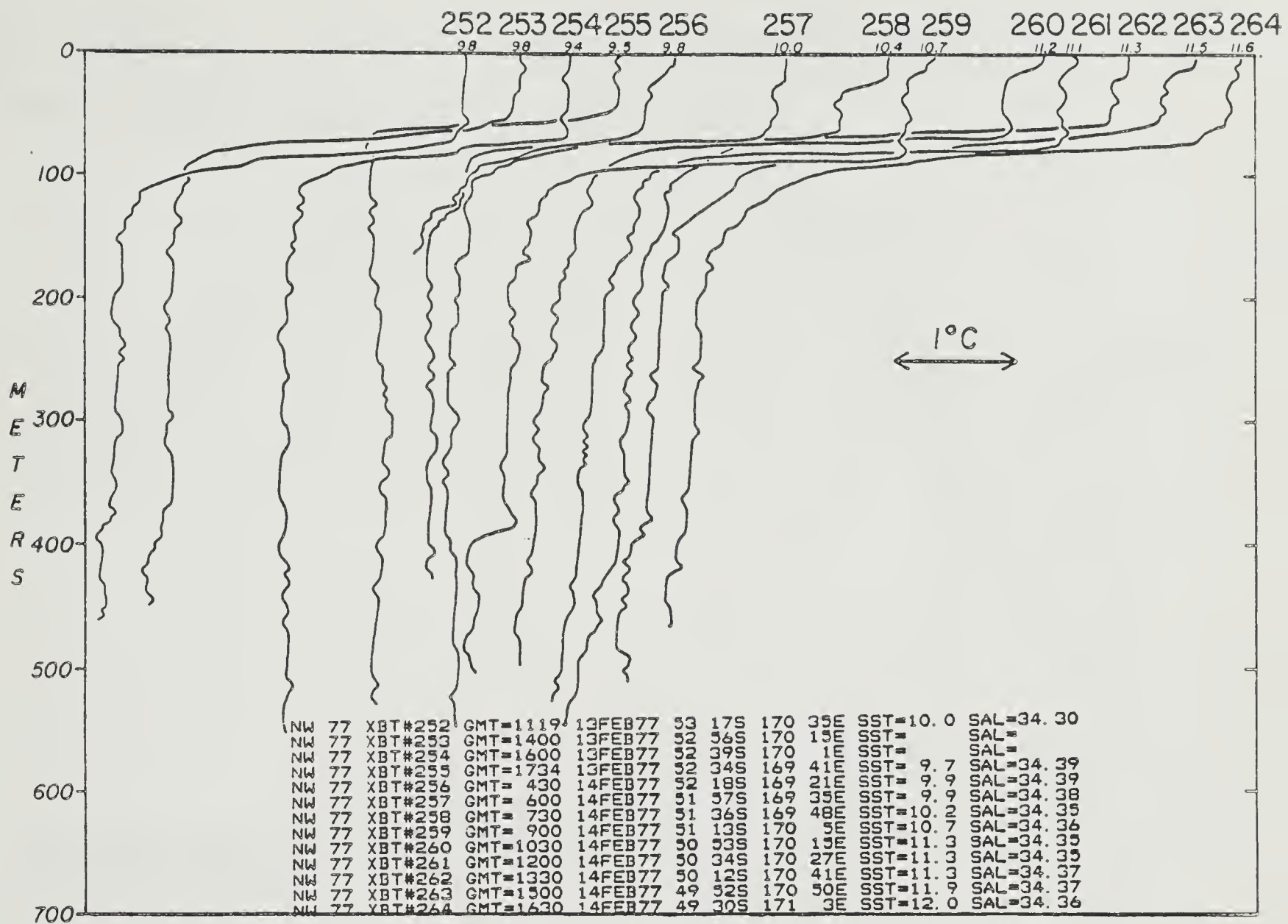


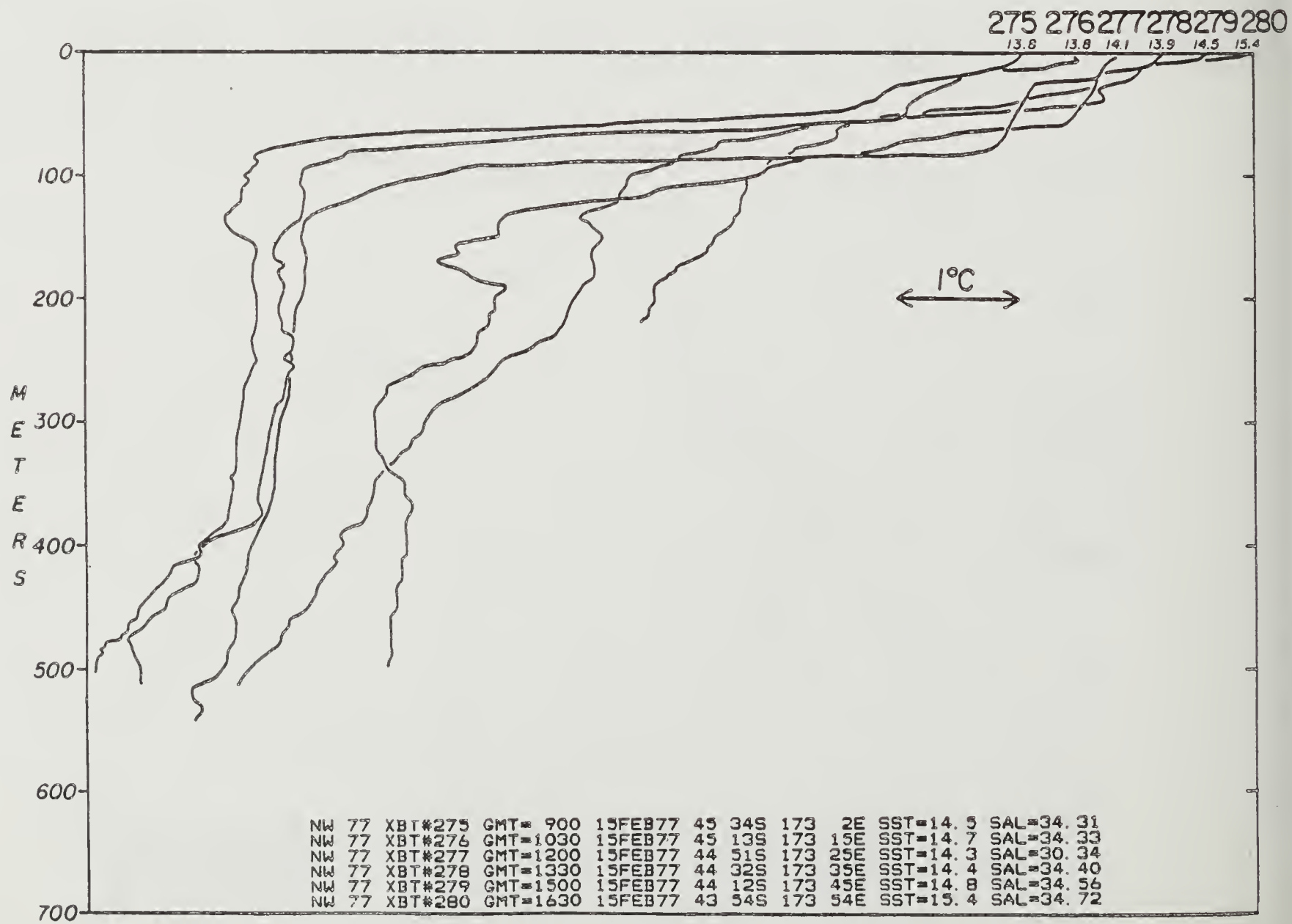
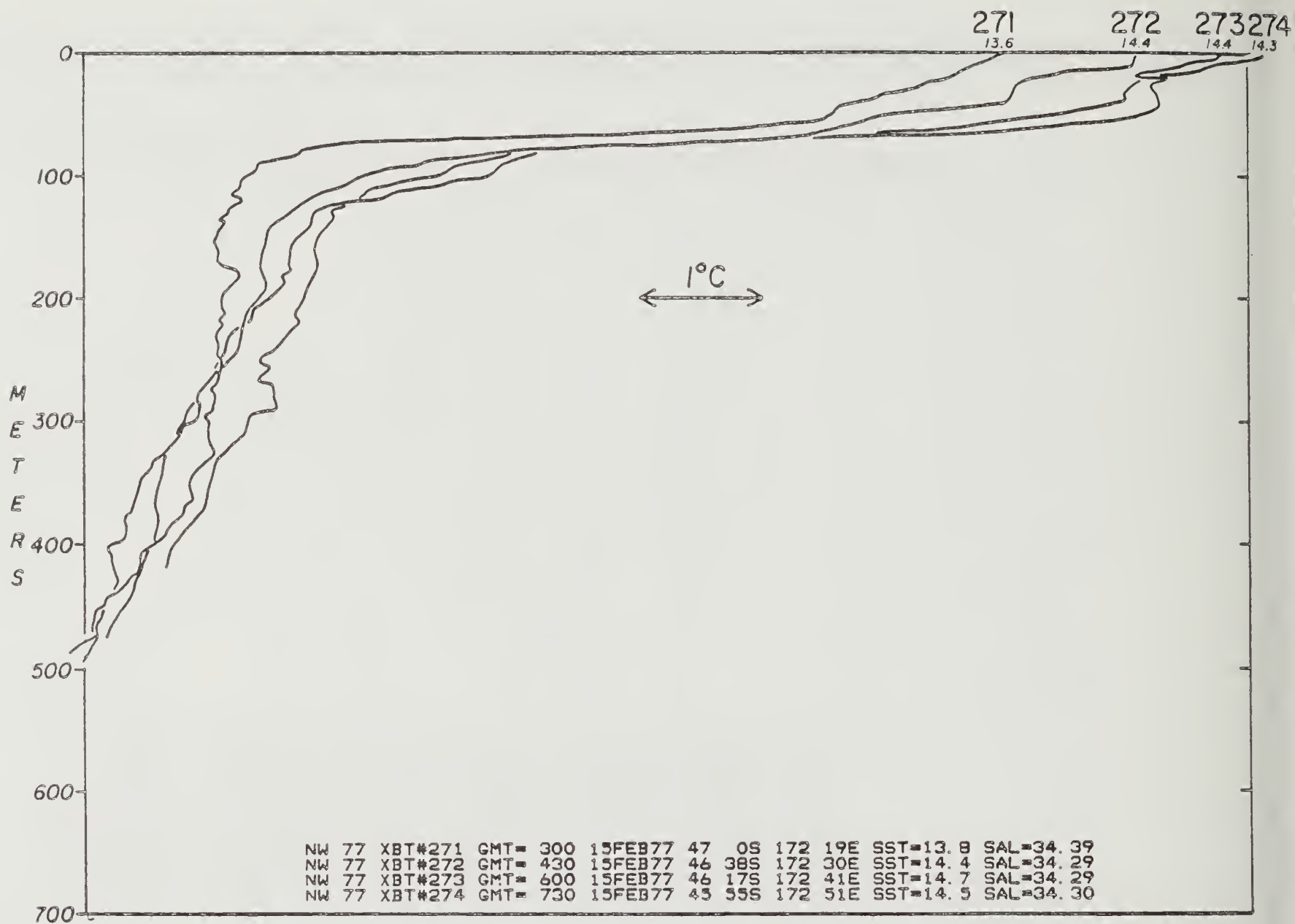


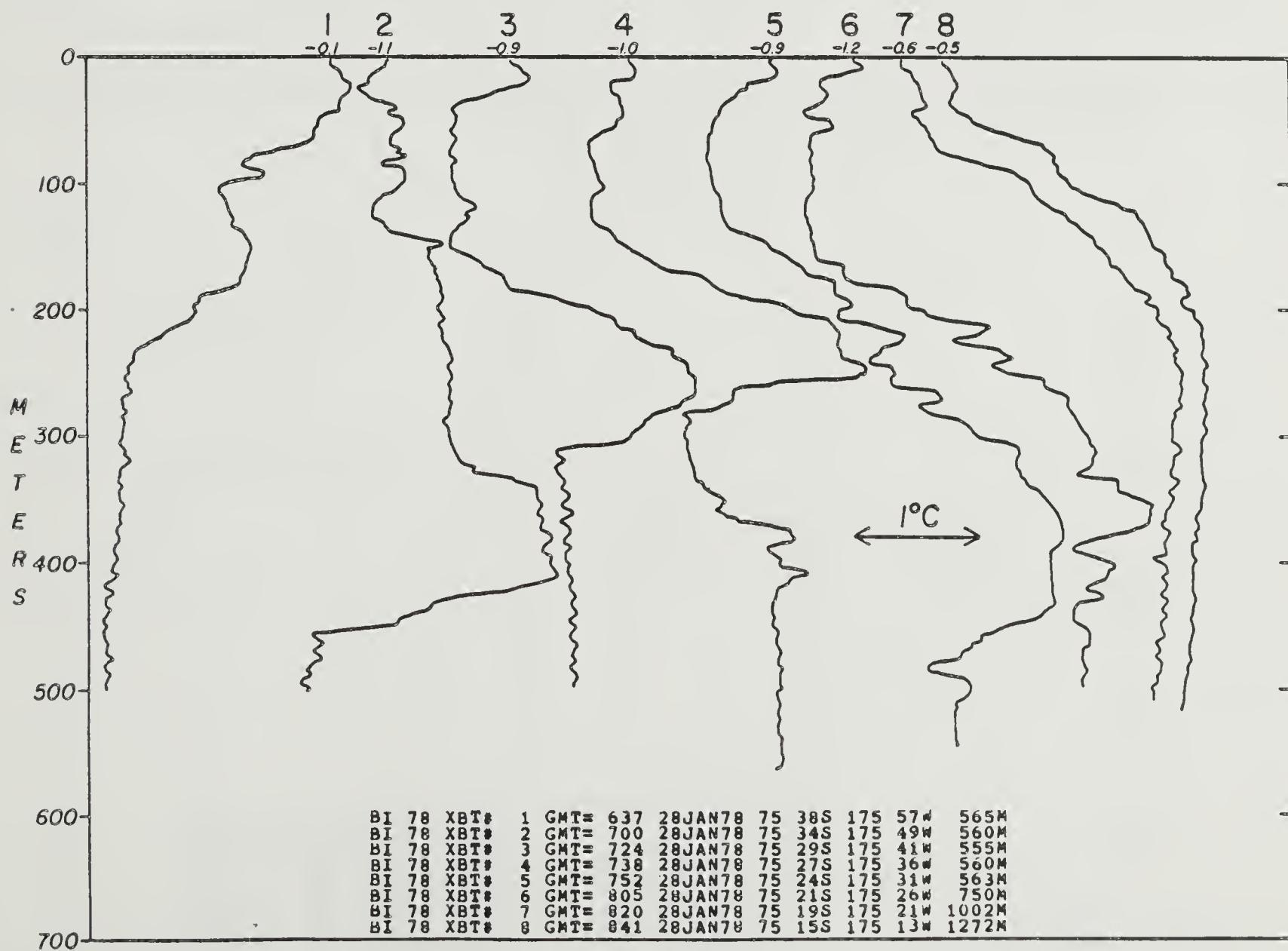
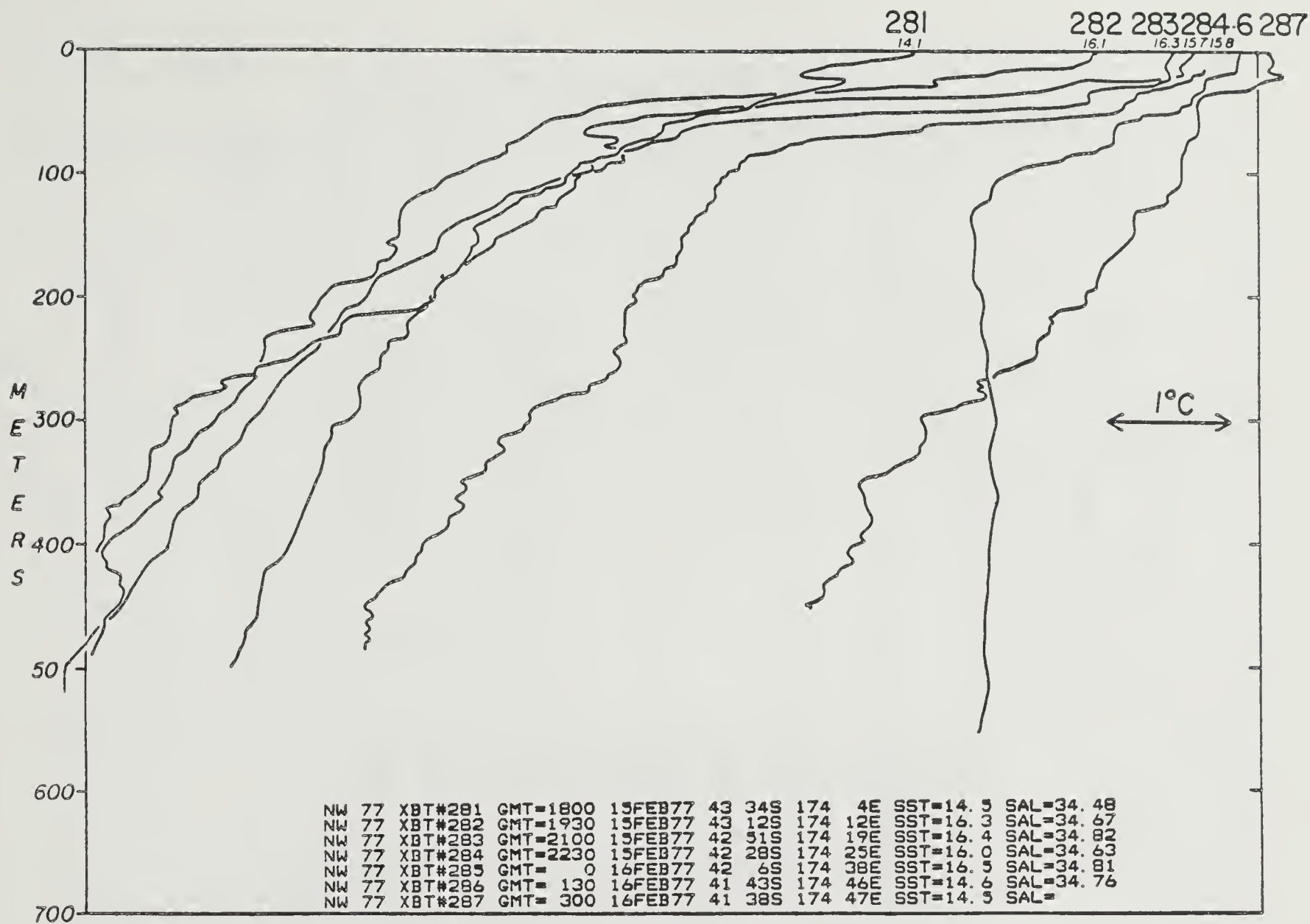


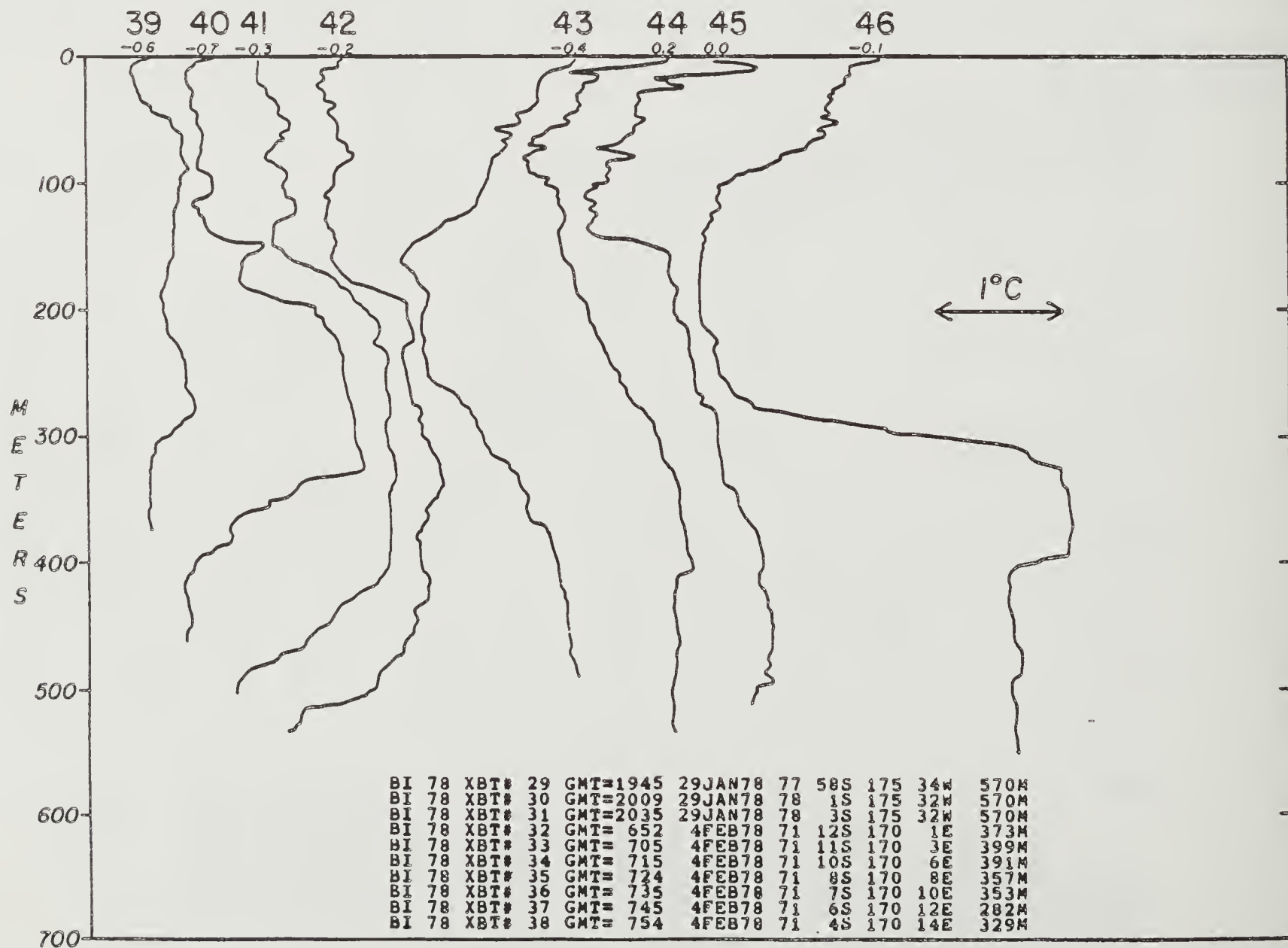
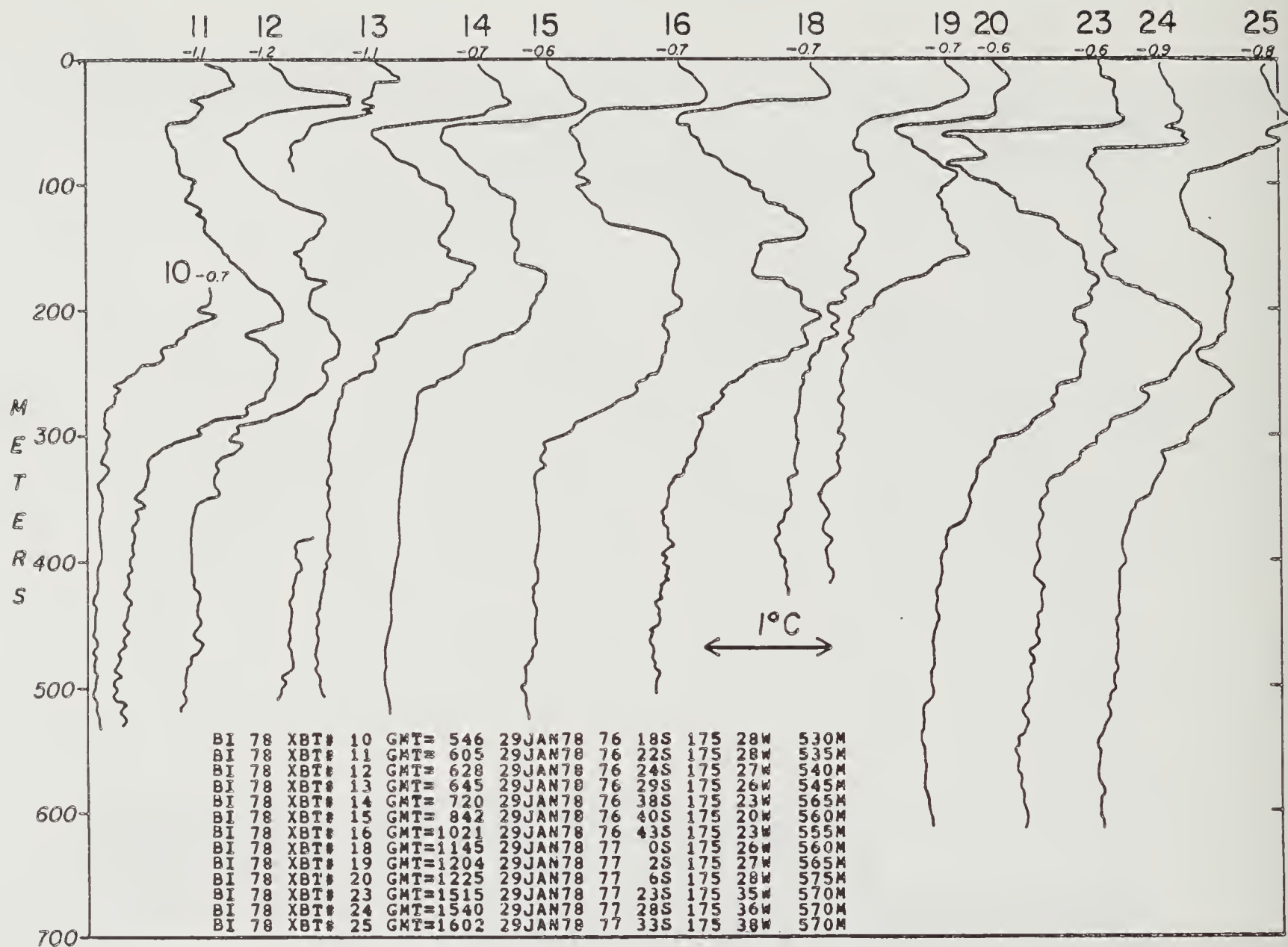


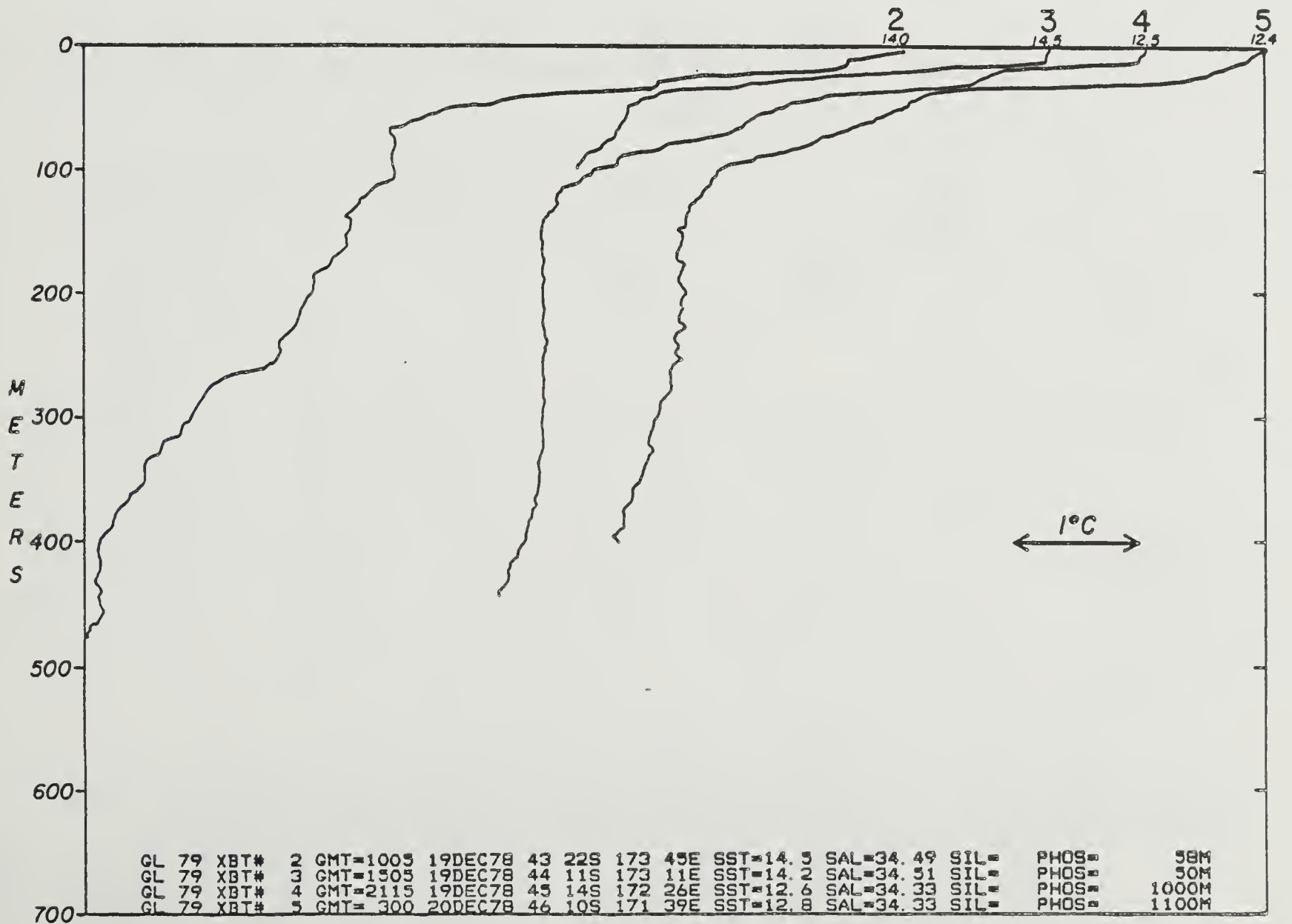
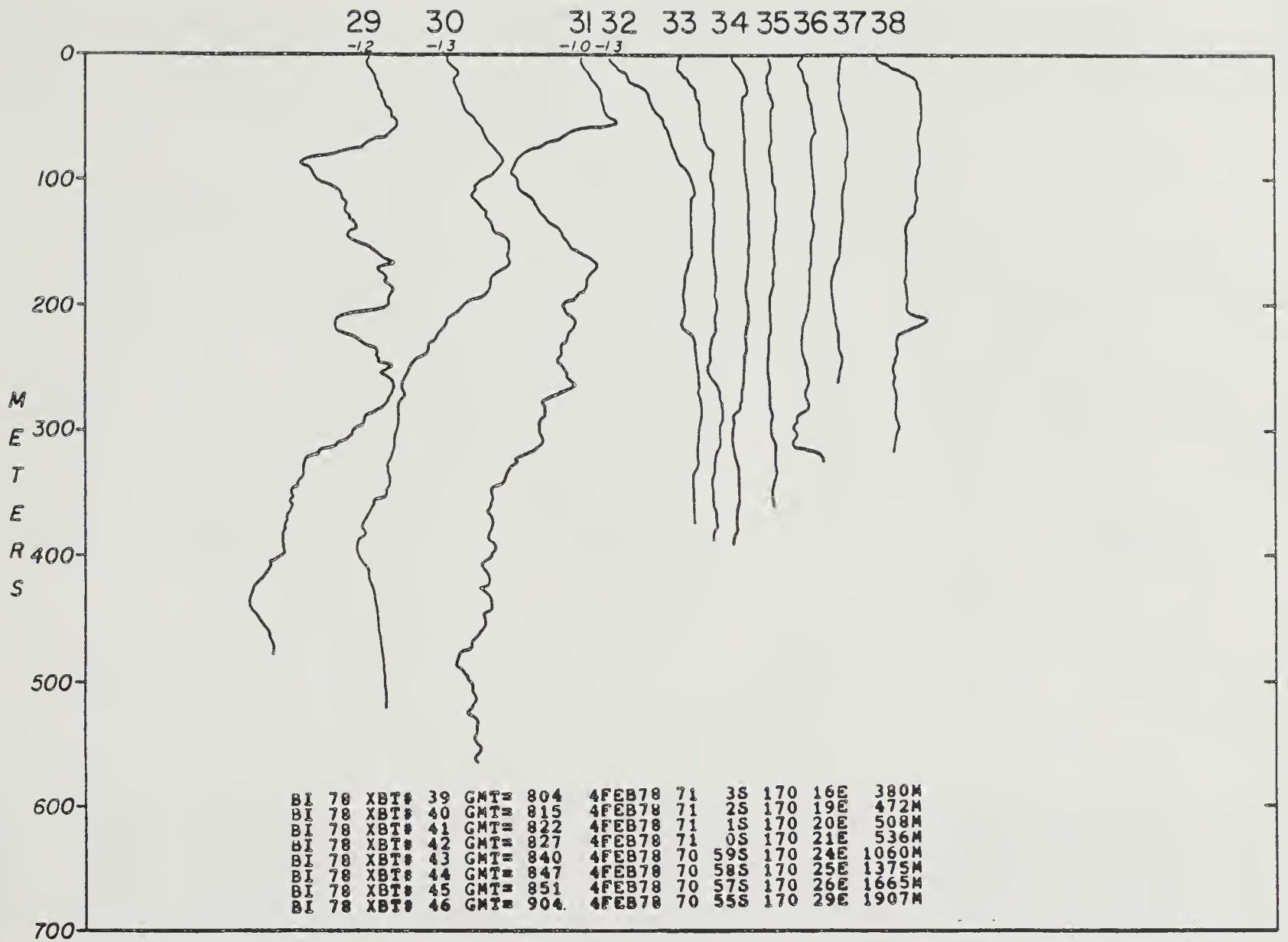


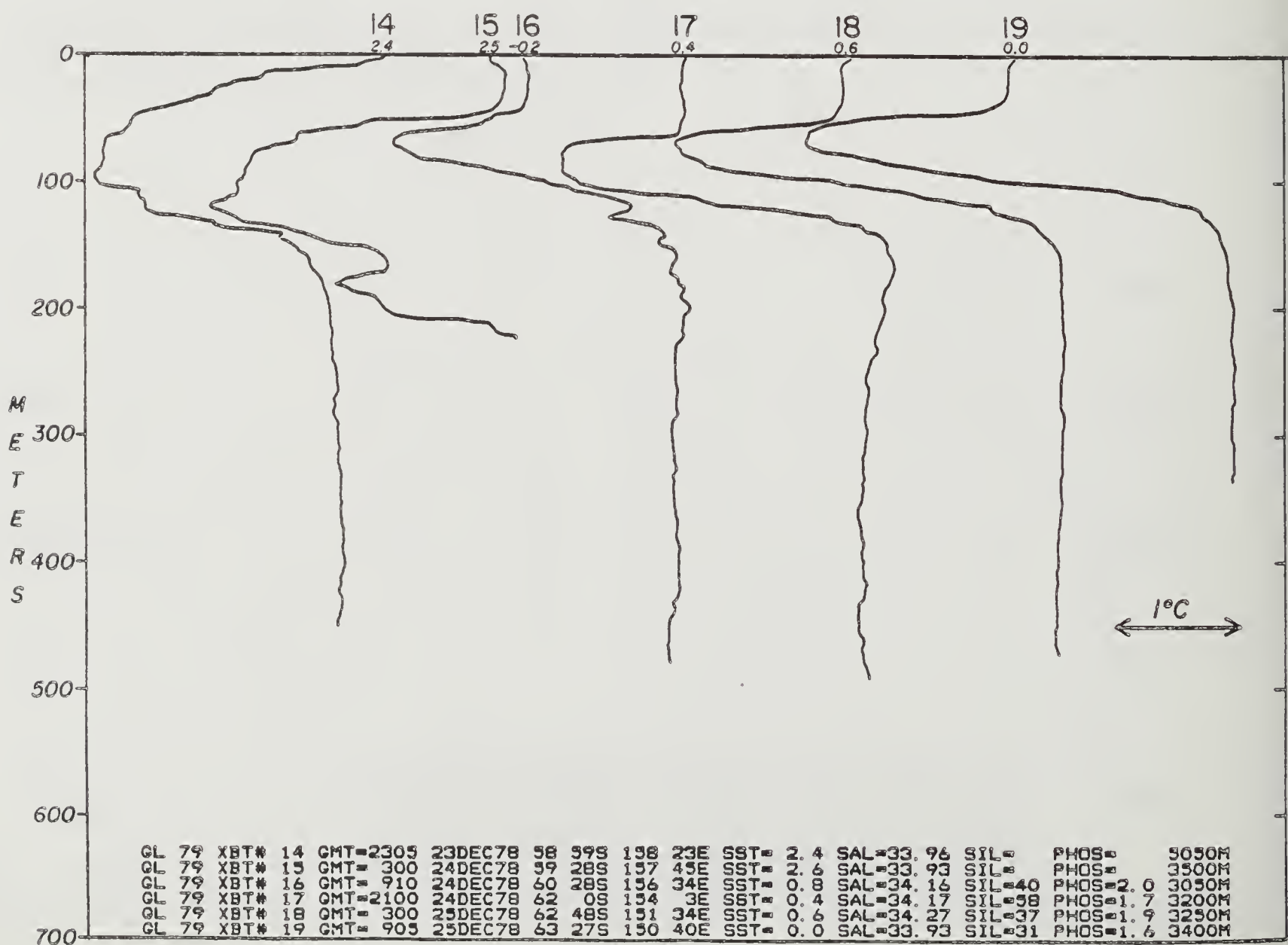
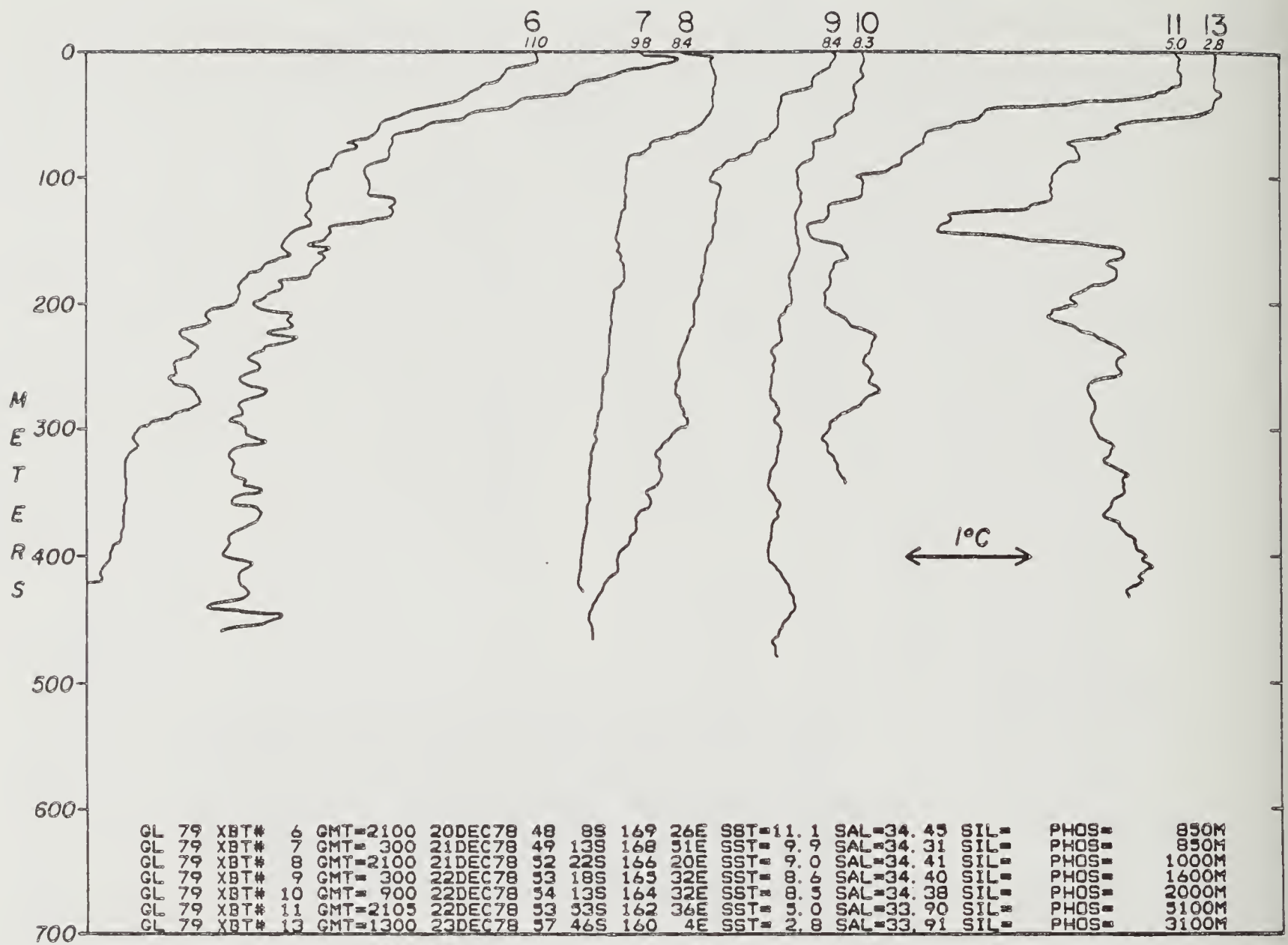


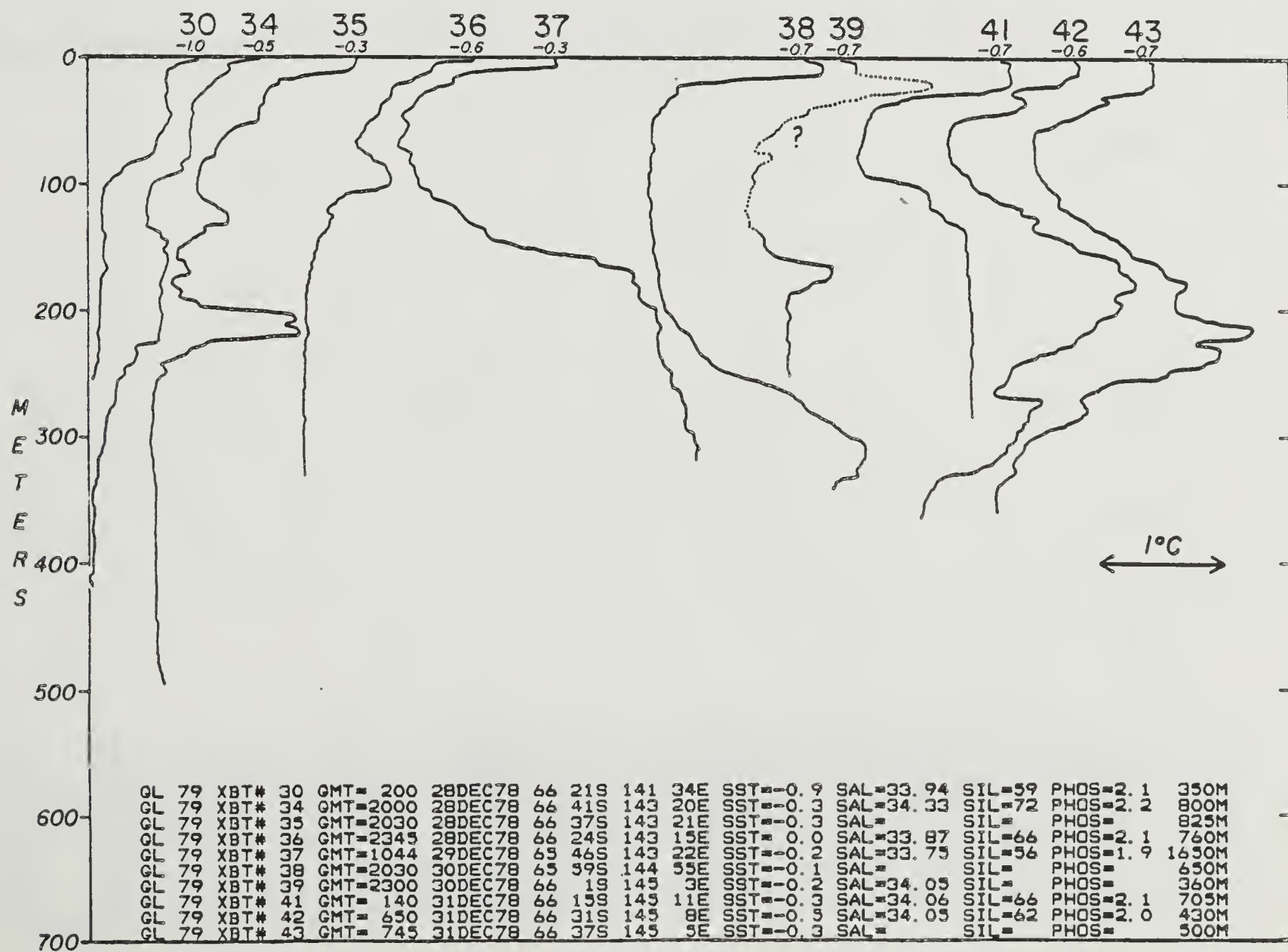
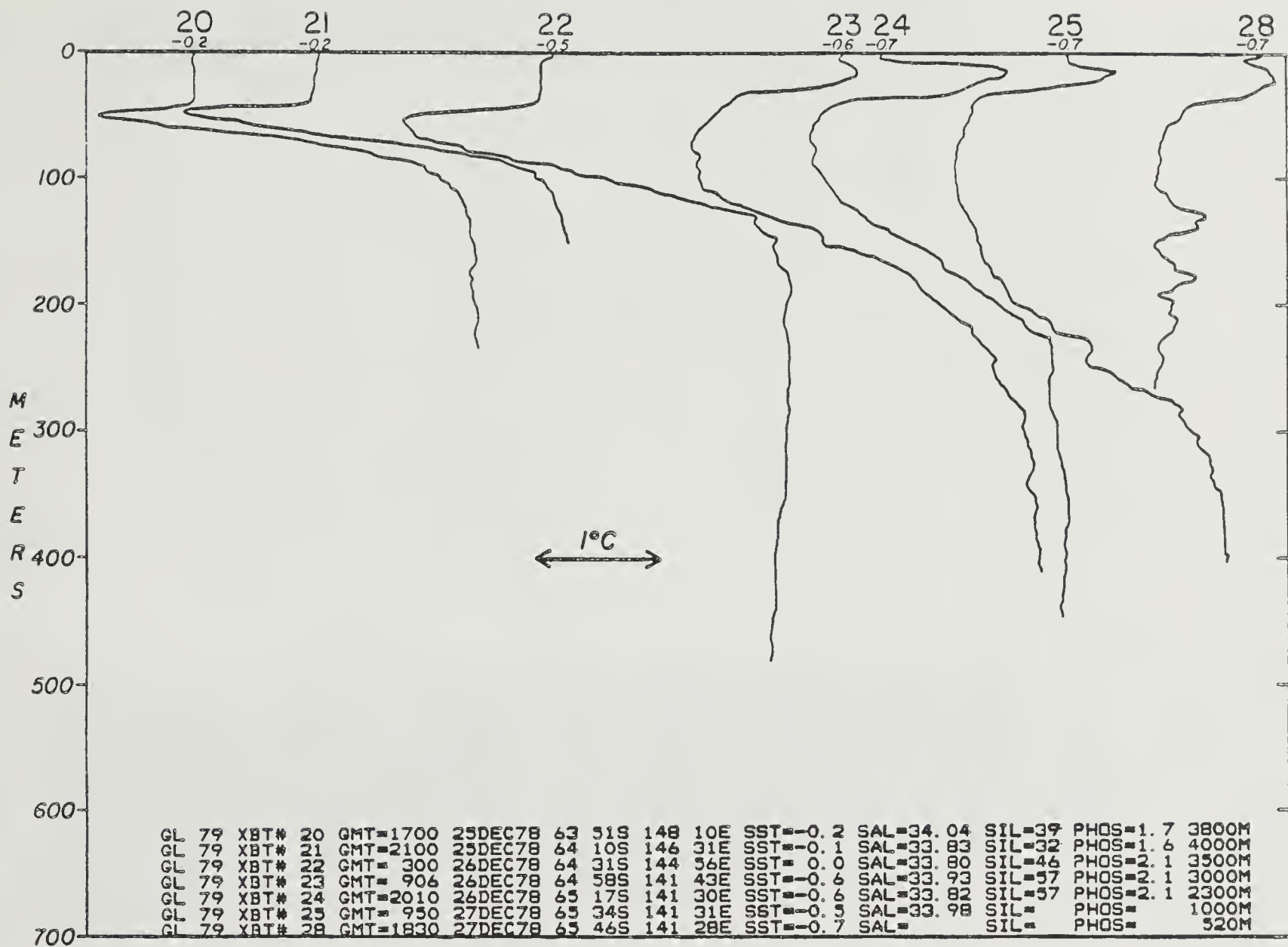


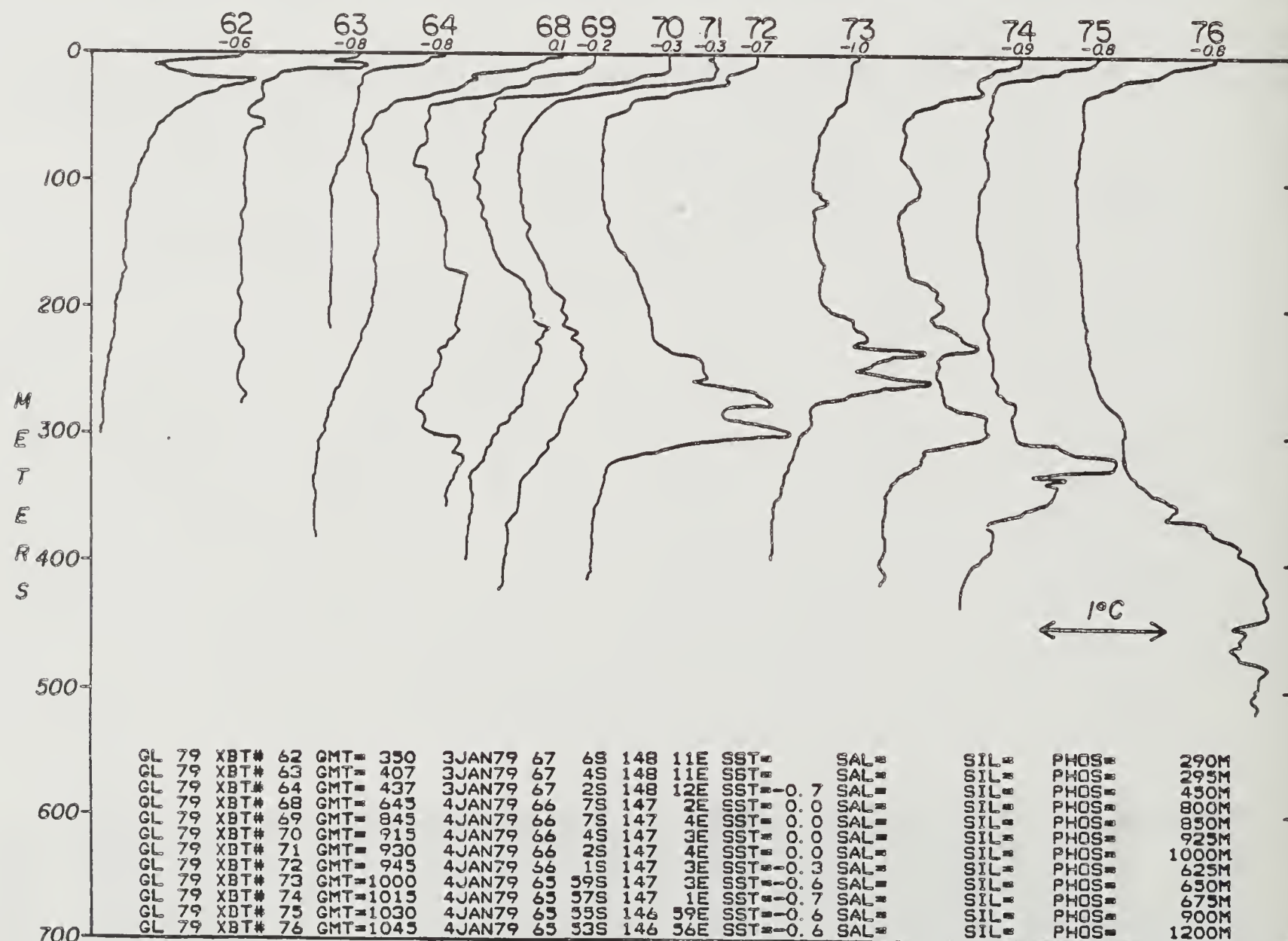
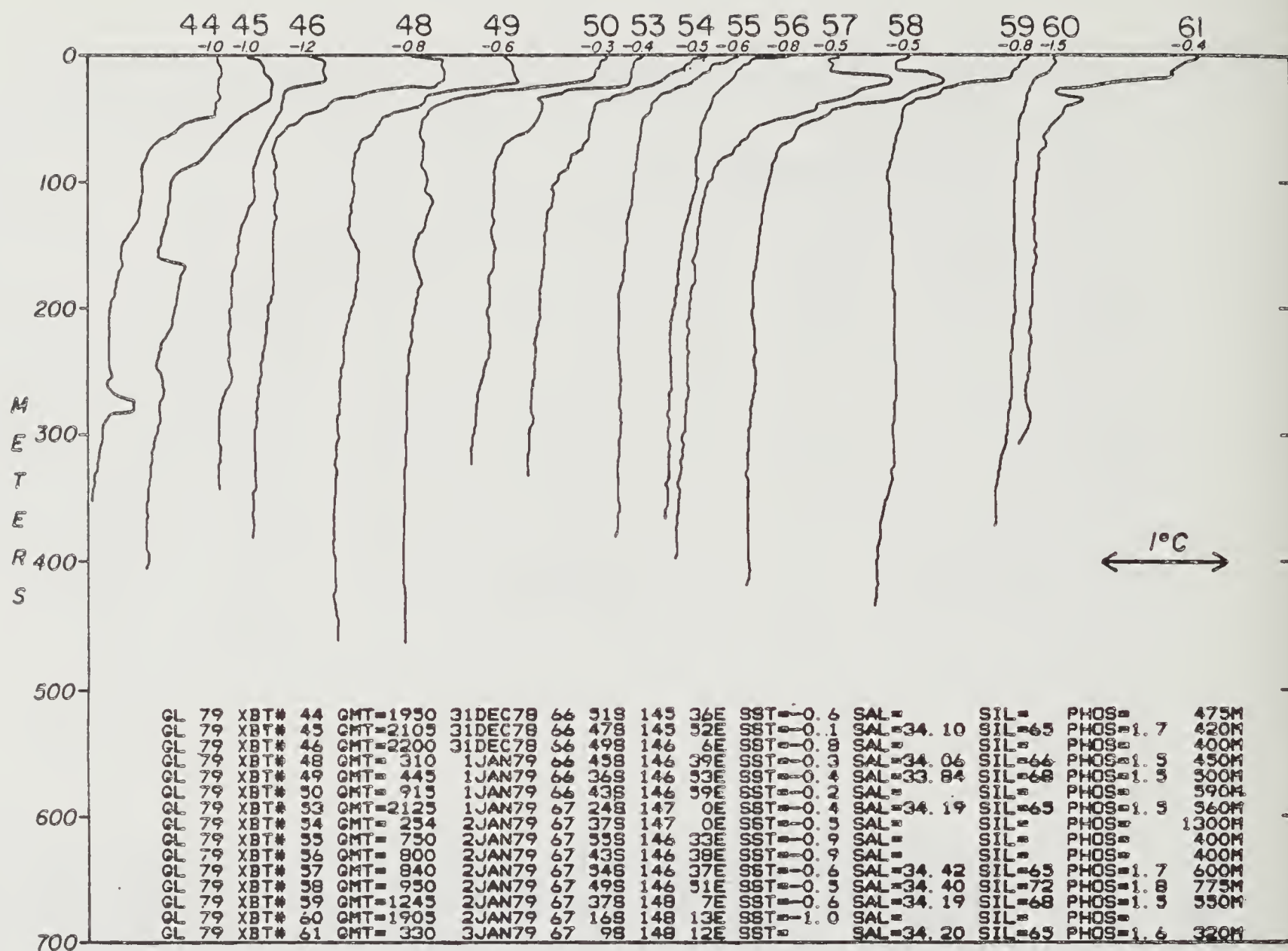


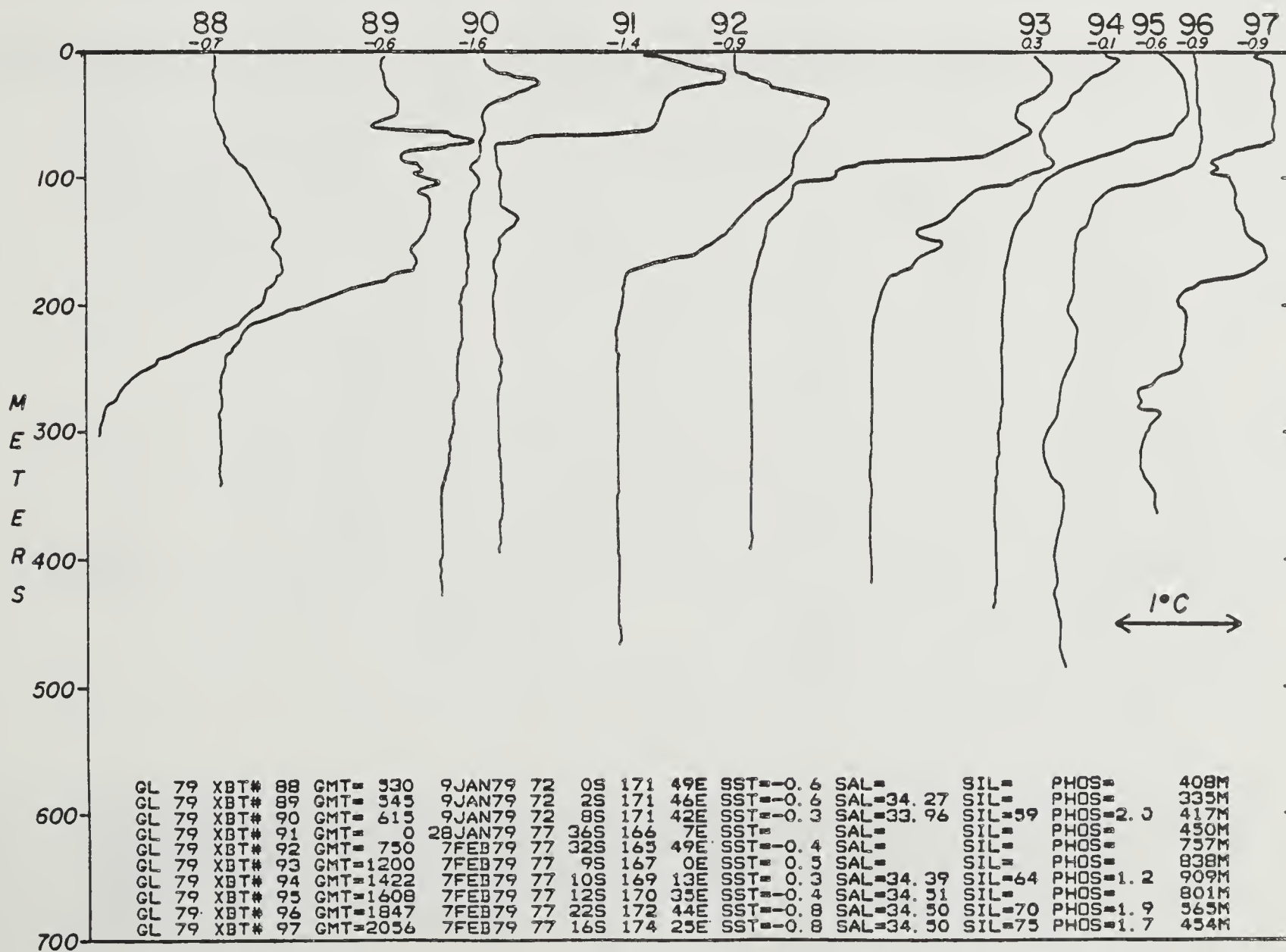
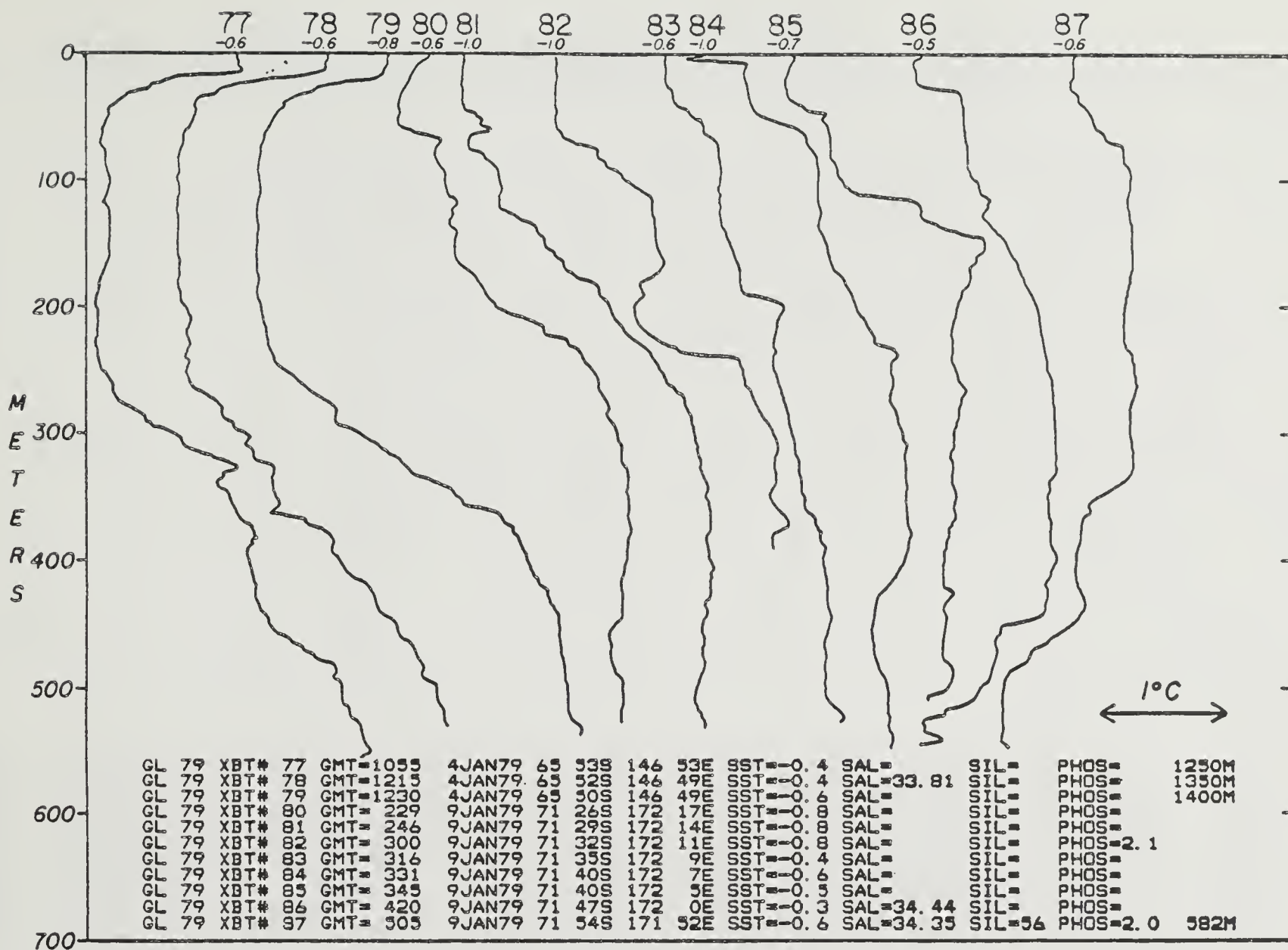


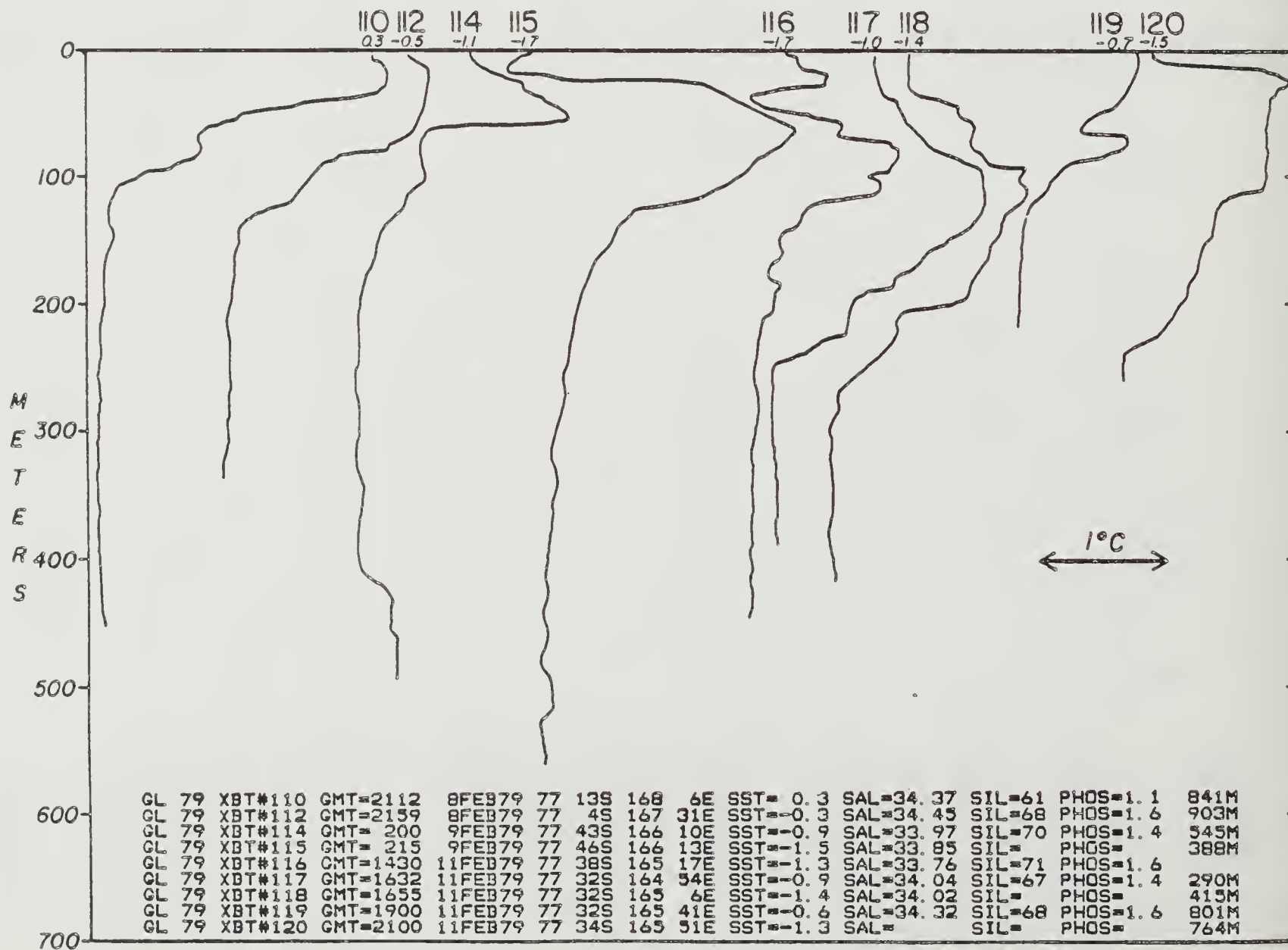
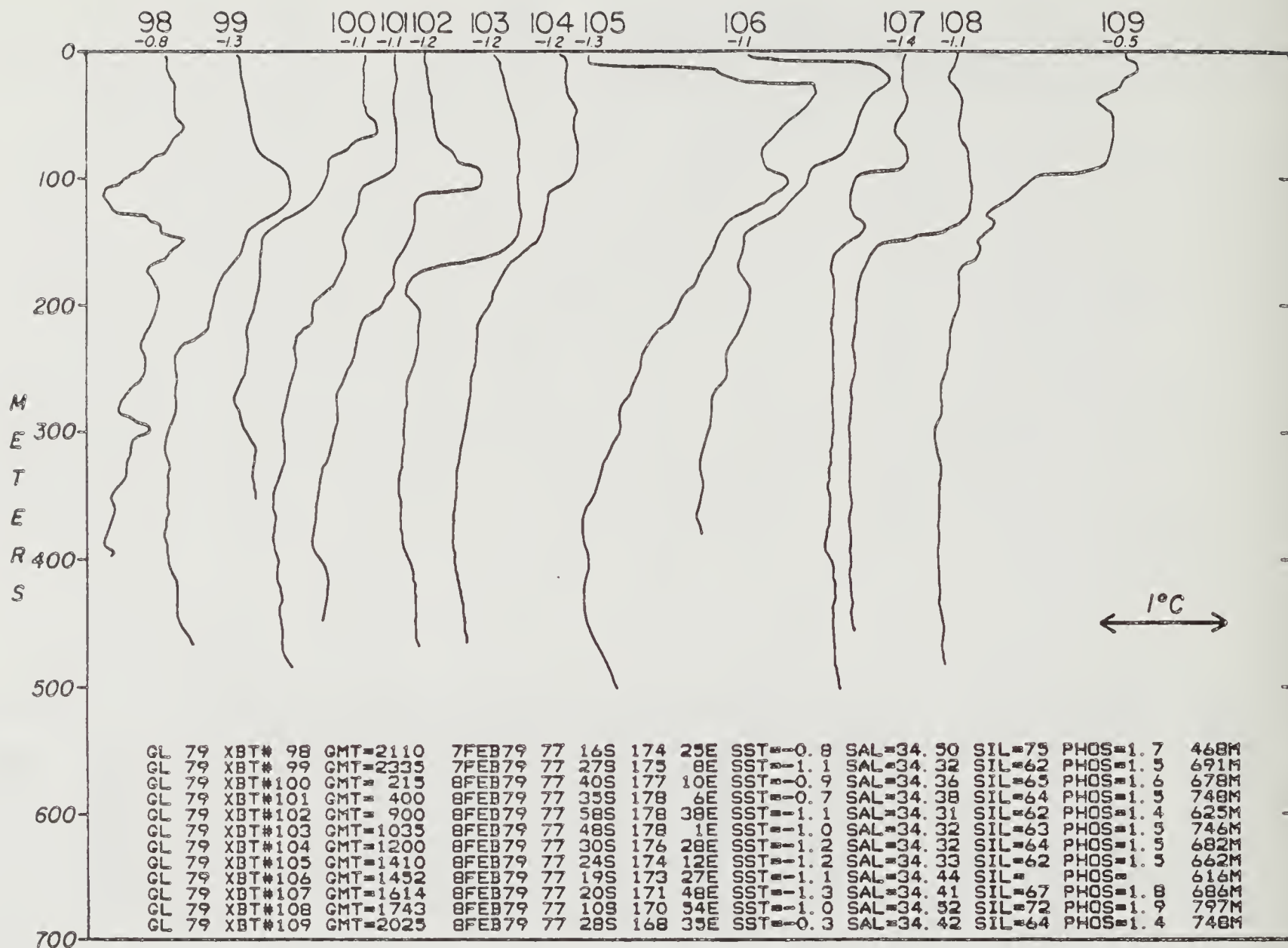


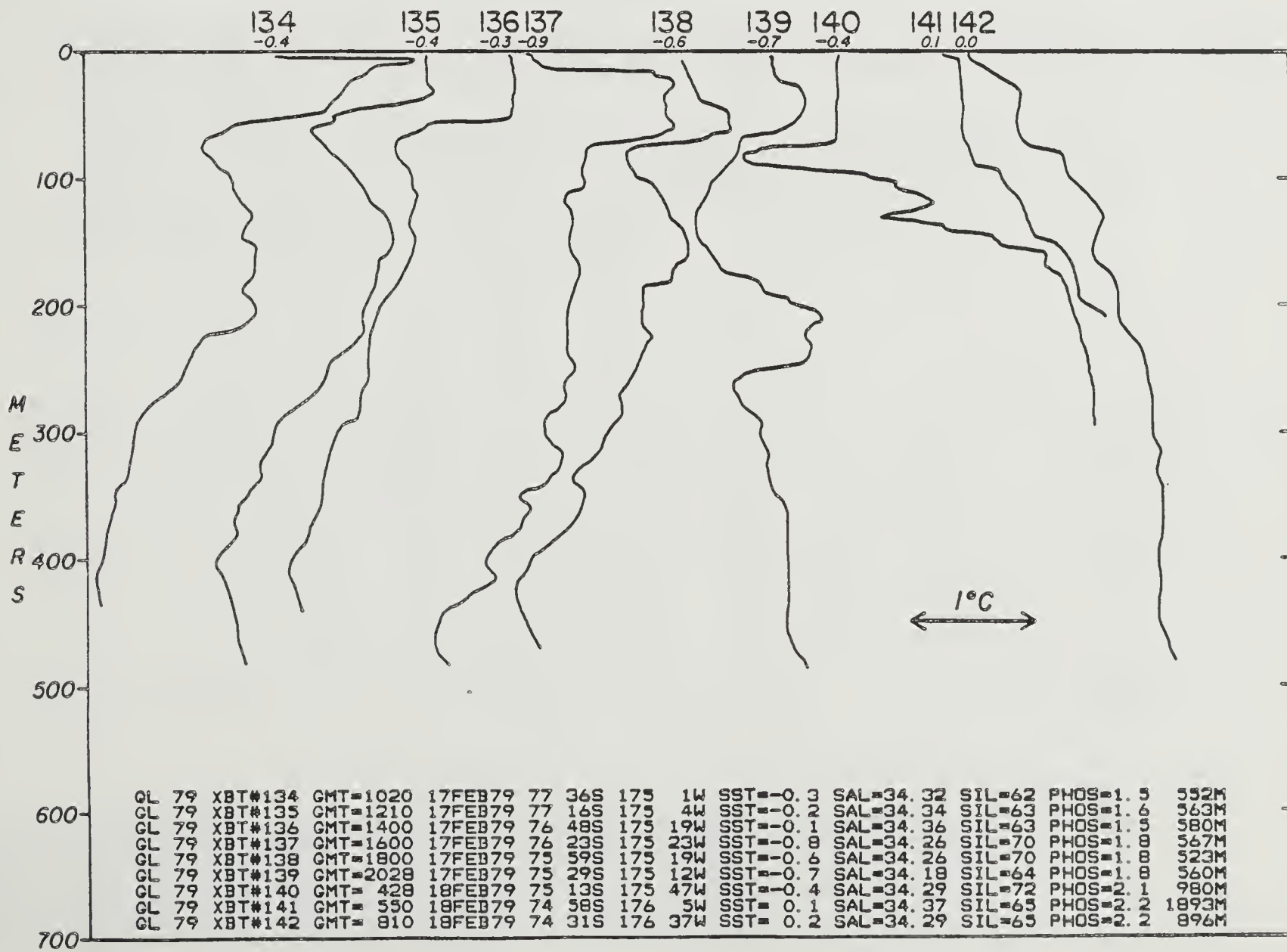


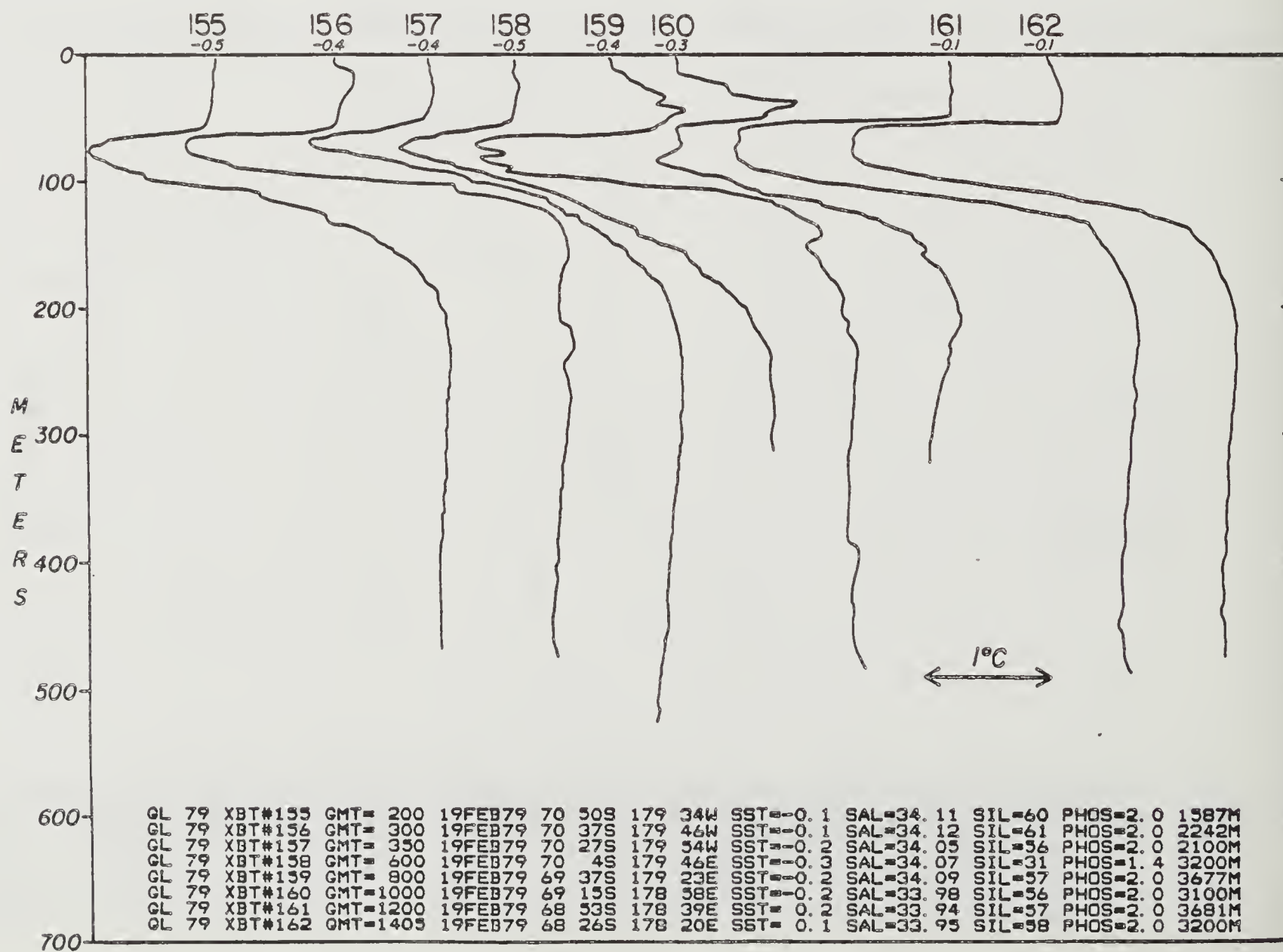
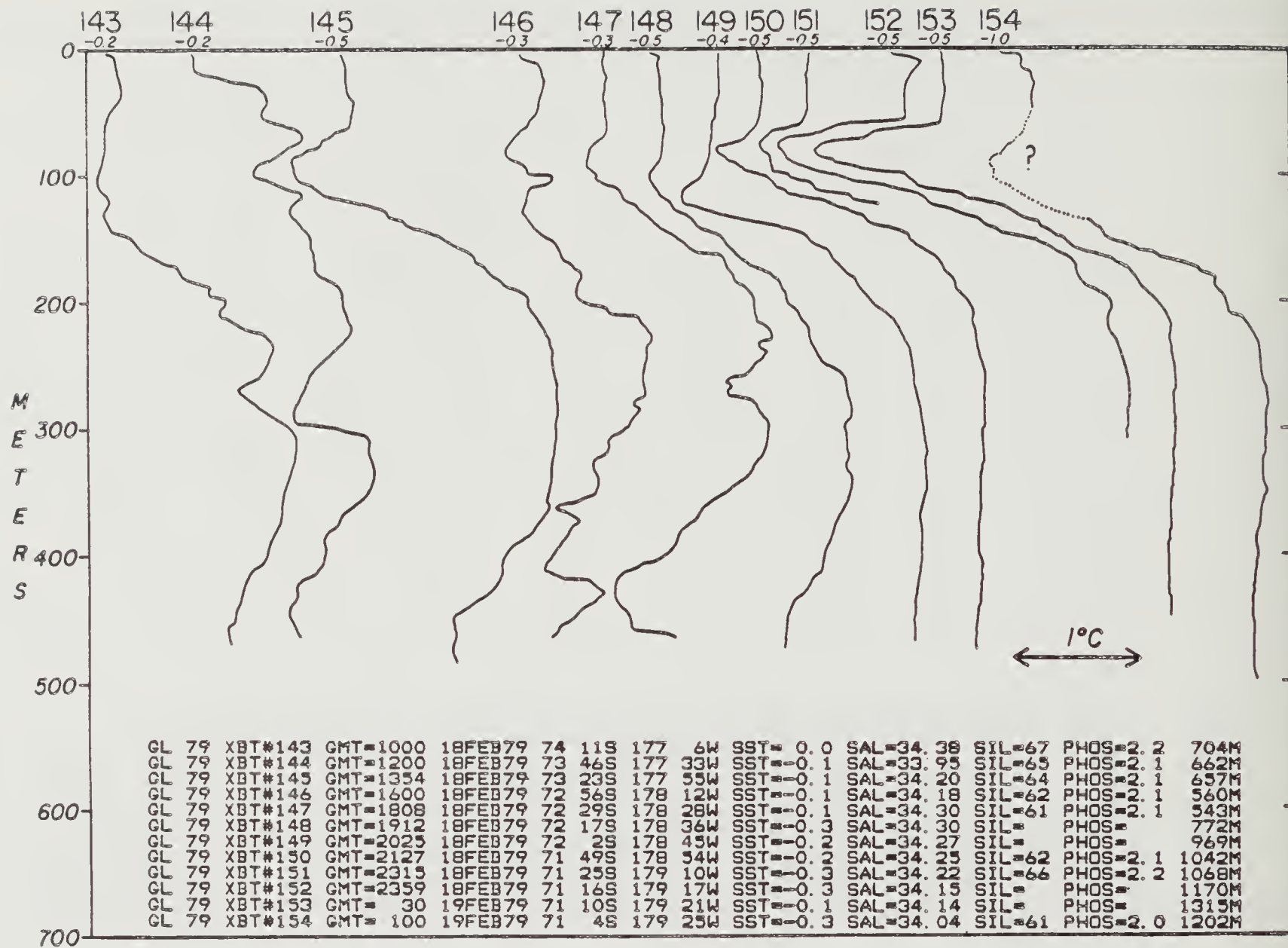


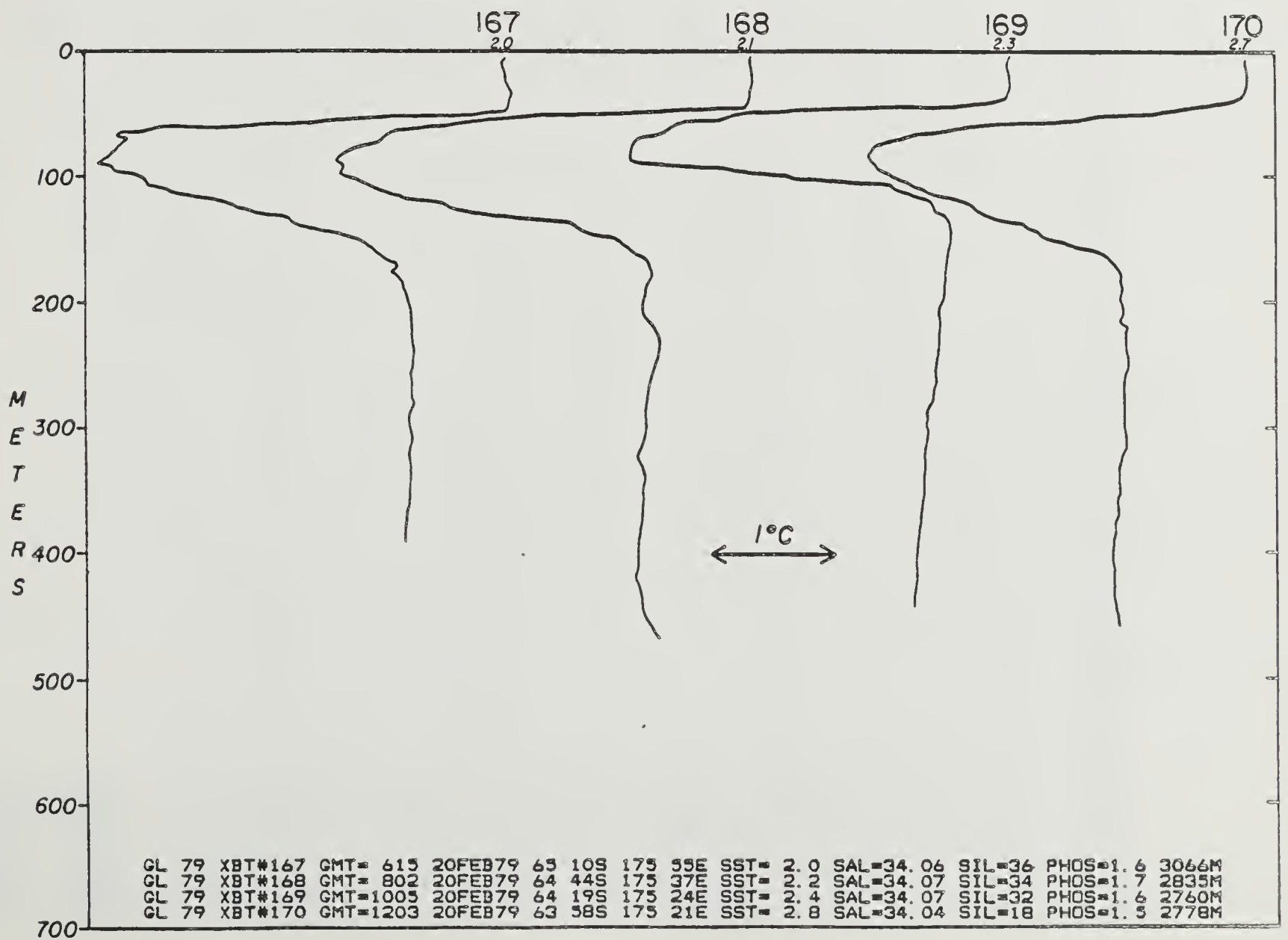
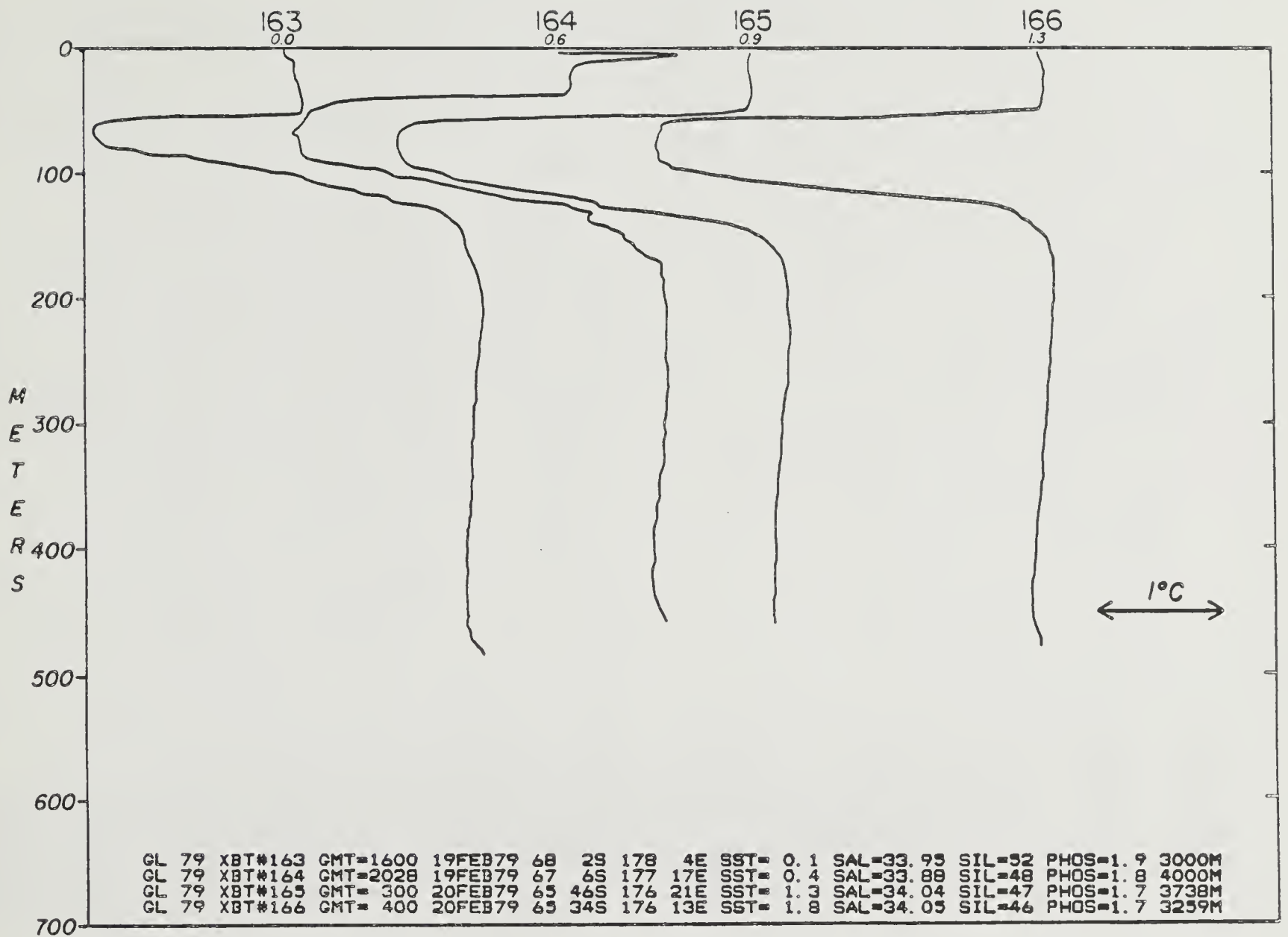


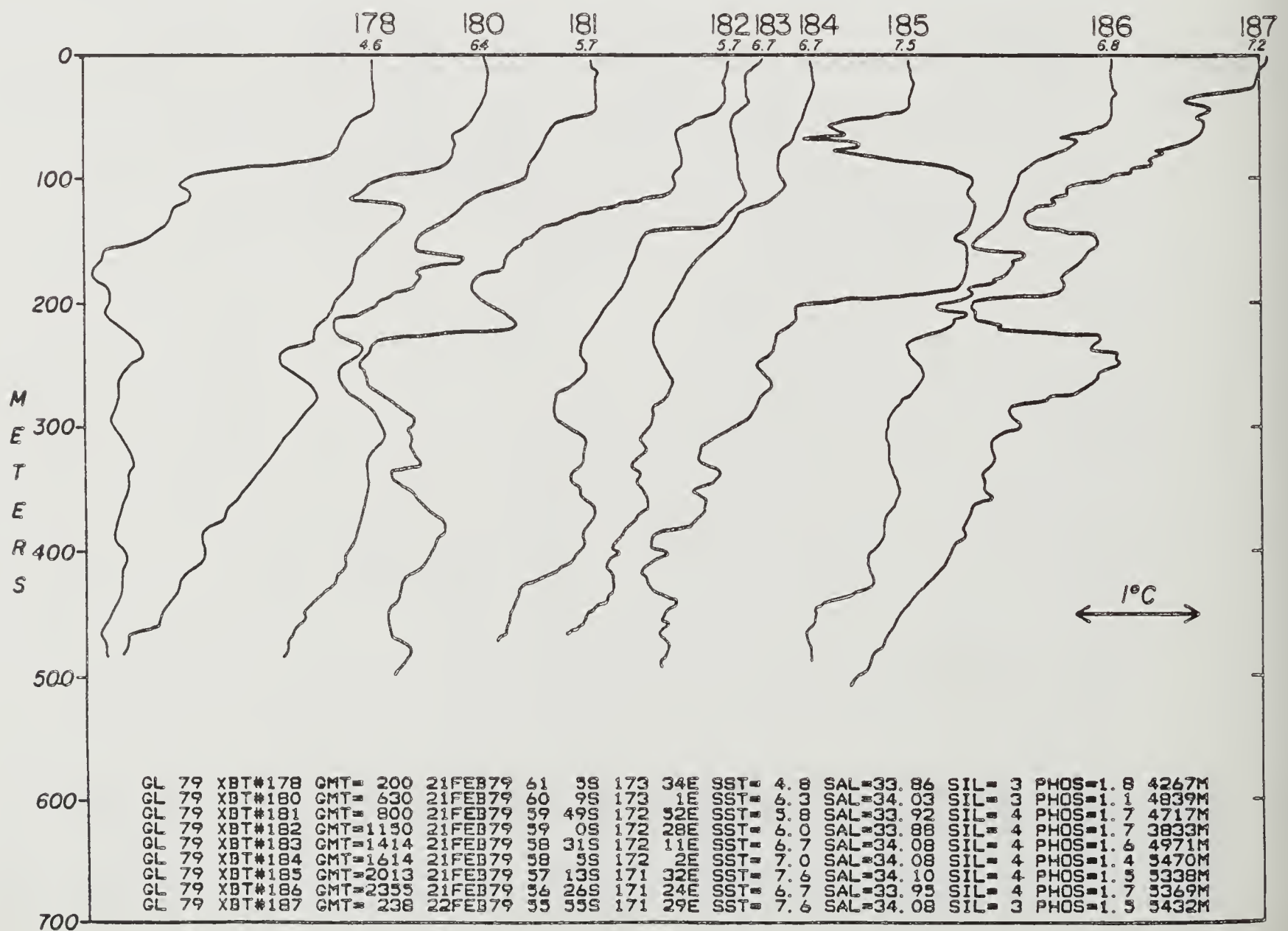
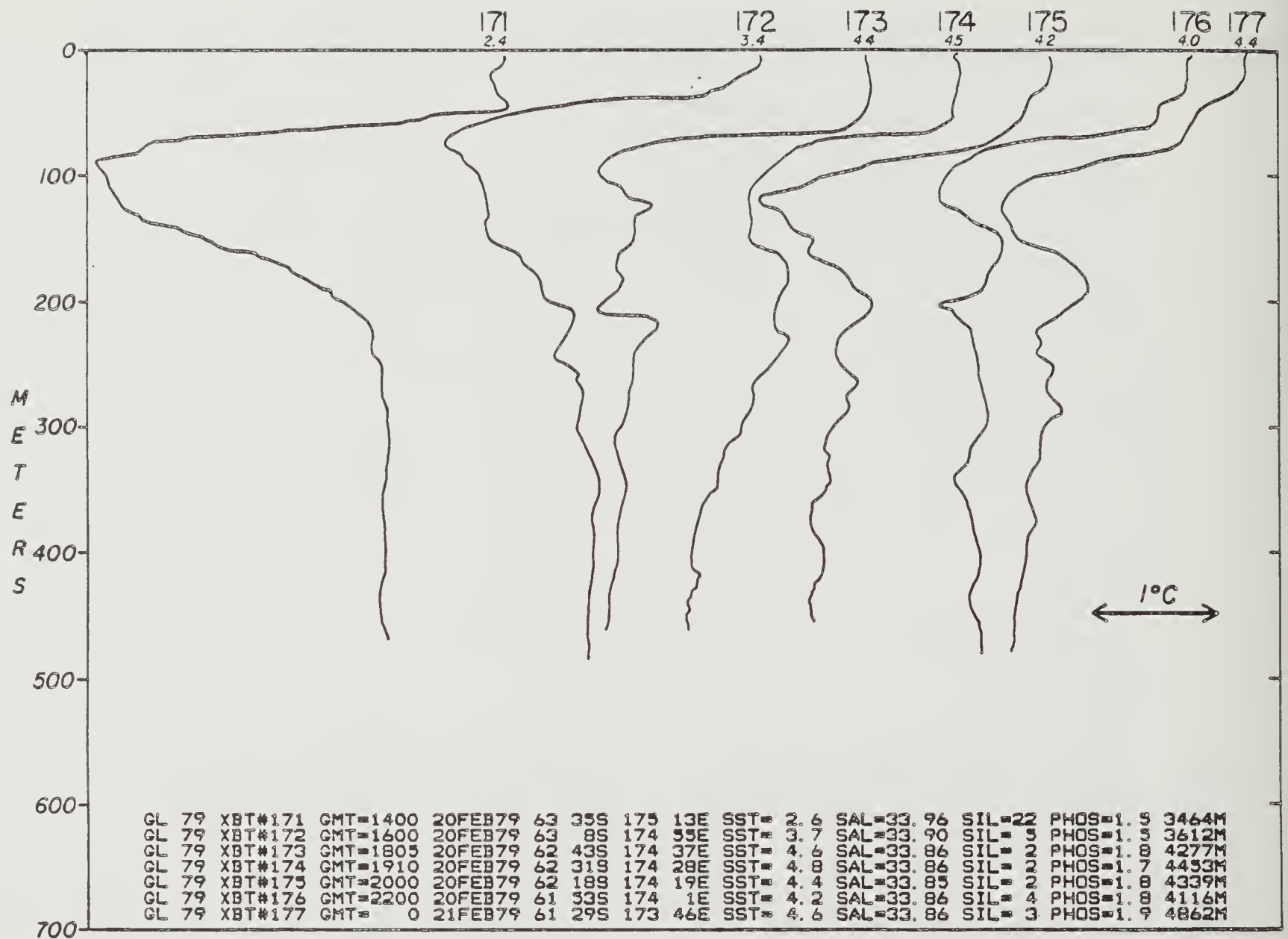


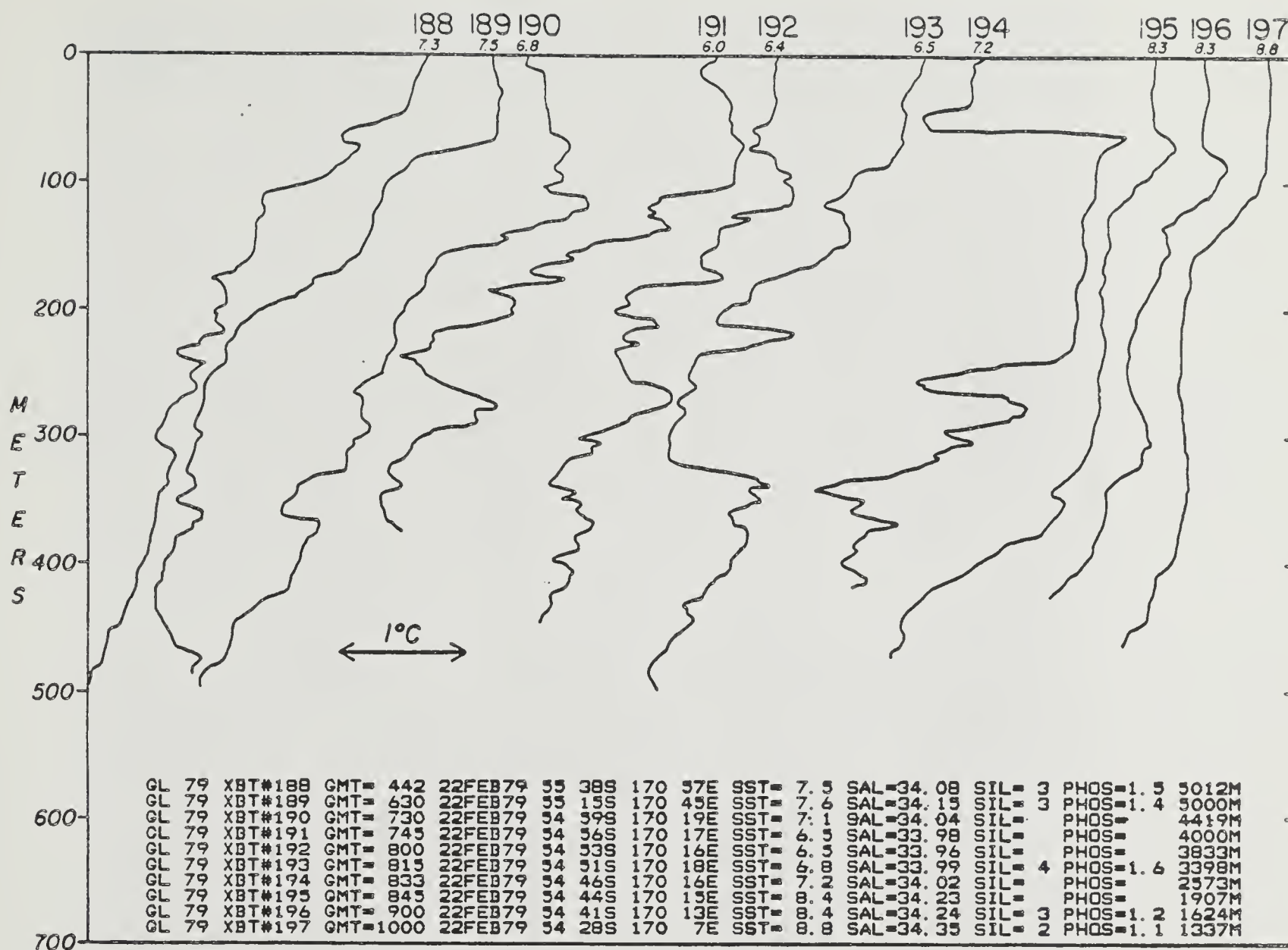












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GL	79	SRF#	60	GMT= 910	24DEC78	60	28S	156	35E	SST= 0.8	SAL=34.16	SIL=40	PHOS=2.0
GL	79	SRF#	61	GMT=1105	24DEC78	60	39S	156	14E	SST= 1.6	SAL=34.20	SIL=39	PHOS=2.2
GL	79	SRF#	62	GMT=1300	24DEC78	60	59S	155	42E	SST= 1.1	SAL=34.10	SIL=36	PHOS=2.0
GL	79	SRF#	63	GMT=1500	24DEC78	61	17S	155	40E	SST= 1.0	SAL=34.12	SIL=40	PHOS=2.0

GL 79 SRF# 64 GMT=1710 24DEC78 61 28S 154 53E SST= 0. 6 SAL=34. 21 SIL=50 PHOS=2. 0
GL 79 SRF# 65 GMT=1900 24DEC78 61 44S 154 29E SST= 0. 4 SAL=34. 20 SIL=49 PHOS=2. 0
GL 79 SRF# 66 GMT=2100 24DEC78 62 3S 154 28E SST= 0. 4 SAL=34. 17 SIL=58 PHOS=1. 7
GL 79 SRF# 67 GMT=2300 24DEC78 62 16S 153 30E SST= 0. 3 SAL=34. 11 SIL=56 PHOS=1. 8
GL 79 SRF# 68 GMT= 100 25DEC78 62 34S 153 3E SST=-0. 1 SAL=34. 10 SIL=49 PHOS=1. 9
GL 79 SRF# 69 GMT= 300 25DEC78 62 48S 151 35E SST= 0. 6 SAL= SIL=37 PHOS=1. 9
GL 79 SRF# 70 GMT= 500 25DEC78 63 0S 152 10E SST= 0. 2 SAL=34. 15 SIL=41 PHOS=2. 0
GL 79 SRF# 71 GMT= 700 25DEC78 63 15S 151 29E SST= 0. 0 SAL=34. 03 SIL=40 PHOS=1. 8
GL 79 SRF# 72 GMT= 905 25DEC78 63 27S 150 41E SST= 0. 0 SAL=33. 93 SIL=31 PHOS=1. 6
GL 79 SRF# 73 GMT=1155 25DEC78 63 32S 150 0E SST= 0. 0 SAL=33. 93 SIL=27 PHOS=1. 9
GL 79 SRF# 74 GMT=1305 25DEC78 63 40S 149 18E SST= 0. 0 SAL=33. 97 SIL=32 PHOS=1. 6
GL 79 SRF# 75 GMT=1500 25DEC78 63 47S 148 41E SST= 0. 1 SAL=33. 96 SIL=29 PHOS=1. 5
GL 79 SRF# 76 GMT=1700 25DEC78 63 54S 147 50E SST=-0. 2 SAL=34. 04 SIL=39 PHOS=1. 7
GL 79 SRF# 77 GMT=1900 25DEC78 64 7S 147 15E SST=-0. 5 SAL=33. 85 SIL=41 PHOS=1. 9
GL 79 SRF# 78 GMT=2100 25DEC78 64 11S 146 32E SST=-0. 1 SAL=33. 83 SIL=32 PHOS=1. 6
GL 79 SRF# 79 GMT=2300 25DEC78 64 20S 154 46E SST=-0. 4 SAL=33. 75 SIL=40 PHOS=1. 9
GL 79 SRF# 80 GMT= 100 26DEC78 64 24S 144 56E SST=-0. 2 SAL=33. 76 SIL=39 PHOS=2. 0
GL 79 SRF# 81 GMT= 300 26DEC78 64 32S 144 14E SST= 0. 0 SAL=33. 80 SIL=46 PHOS=2. 1
GL 79 SRF# 82 GMT= 500 26DEC78 64 37S 143 32E SST=-0. 3 SAL=33. 81 SIL=42 PHOS=2. 0
GL 79 SRF# 83 GMT= 700 26DEC78 64 99S 142 31E SST= 0. 2 SAL=33. 89 SIL=50 PHOS=2. 1
GL 79 SRF# 84 GMT= 900 26DEC78 64 58S 141 43E SST=-0. 6 SAL=33. 93 SIL=57 PHOS=2. 1
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GL 79 SRF# 87 GMT= 930 27DEC78 65 38S 141 43E SST=-0. 6 SAL=33. 98 SIL=57 PHOS=2. 0
GL 79 SRF# 88 GMT=1420 27DEC78 65 39S 141 46E SST=-0. 6 SAL= SIL=62 PHOS=2. 1
GL 79 SRF#500 GMT=1647 27DEC78 65 47S 141 36E SST=-0. 8 SAL=34. 10 SIL=62 PHOS=2. 0
GL 79 SRF# 89 GMT=1748 27DEC78 65 47S 141 27E SST=-0. 8 SAL= SIL=52 PHOS=2. 0
GL 79 SRF# 90 GMT=2000 27DEC78 65 60S 141 32E SST=-0. 6 SAL=34. 19 SIL=54 PHOS=1. 9
GL 79 SRF# 91 GMT= 200 28DEC78 66 21S 141 35E SST=-0. 9 SAL=33. 94 SIL=59 PHOS=2. 1
GL 79 SRF#501 GMT= 702 28DEC78 66 44S 141 42E SST=-1. 1 SAL=34. 45 SIL=68 PHOS=2. 2
GL 79 SRF# 92 GMT= 801 28DEC78 66 43S 141 42E SST=-1. 0 SAL=33. 96 SIL=66 PHOS=2. 1
GL 79 SRF# 93 GMT=1530 28DEC78 66 47S 142 35E SST=-0. 8 SAL=34. 32 SIL=66 PHOS=2. 1
GL 79 SRF# 94 GMT=1934 28DEC78 66 45S 143 19E SST=-1. 0 SAL=34. 33 SIL=72 PHOS=2. 2
GL 79 SRF#502 GMT=2201 28DEC78 66 31S 143 12E SST= 0. 0 SAL=34. 26 SIL=66 PHOS=2. 2
GL 79 SRF# 95 GMT= 50 29DEC78 66 30S 143 13E SST= 0. 0 SAL=33. 87 SIL=66 PHOS=2. 1
GL 79 SRF#503 GMT= 135 29DEC78 66 19S 143 19E SST= 0. 0 SAL=34. 11 SIL=13 PHOS=0. 3
GL 79 SRF# 96 GMT= 215 29DEC78 66 19S 143 19E SST= 0. 3 SAL=33. 80 SIL=63 PHOS=2. 1
GL 79 SRF# 97 GMT= 300 29DEC78 66 12S 143 21E SST= 0. 2 SAL=33. 75 SIL=63 PHOS=2. 1
GL 79 SRF#504 GMT= 600 29DEC78 66 5S 143 13E SST= 0. 2 SAL=33. 92 SIL=71 PHOS=1. 0
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GL 79 SRF#505 GMT= 910 29DEC78 65 52S 143 24E SST=-0. 2 SAL=33. 97 SIL=60 PHOS=2. 0
GL 79 SRF# 99 GMT= 940 29DEC78 66 52S 143 25E SST=-0. 2 SAL=33. 14 SIL=61 PHOS=2. 1
GL 79 SRF#100 GMT=1045 29DEC78 65 46S 143 23E SST=-0. 2 SAL=33. 75 SIL=56 PHOS=1. 9
GL 79 SRF#506 GMT=1308 29DEC78 65 47S 143 23E SST= 0. 0 SAL=33. 76 SIL=56 PHOS=2. 1
GL 79 SRF#101 GMT=1430 29DEC78 65 47S 143 23E SST=-0. 2 SAL= SIL=55 PHOS=1. 9
GL 79 SRF#507 GMT=2355 29DEC78 65 40S 143 6E SST=-0. 2 SAL=33. 66 SIL=58 PHOS=0. 4
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GL 79 SRF#105 GMT= 750 30DEC78 65 46S 144 52E SST=-0. 1 SAL=33. 56 SIL=55 PHOS=2. 0
GL 79 SRF#106 GMT=1610 30DEC78 65 59S 144 53E SST=-0. 4 SAL= SIL=66 PHOS=2. 0
GL 79 SRF#508 GMT=1706 30DEC78 65 58S 144 52E SST=-0. 4 SAL=34. 05 SIL=61 PHOS=2. 1
GL 79 SRF#509 GMT=2158 30DEC78 65 60S 144 55E SST= 0. 0 SAL=34. 04 SIL= PHOS= PHOS=2. 0
GL 79 SRF#107 GMT=2235 30DEC78 66 0S 144 54E SST= 0. 0 SAL=34. 05 SIL=64 PHOS=2. 0
GL 79 SRF#510 GMT= 5 31DEC78 66 8S 145 11E SST=-0. 7 SAL=34. 06 SIL=62 PHOS=2. 0
GL 79 SRF#108 GMT= 45 31DEC78 66 8S 145 10E SST=-1. 5 SAL=34. 06 SIL=66 PHOS=2. 1
GL 79 SRF#511 GMT= 317 31DEC78 66 23S 145 11E SST=-0. 5 SAL=33. 99 SIL=61 PHOS=2. 2
GL 79 SRF#109 GMT= 650 31DEC78 66 31S 145 8E SST=-0. 5 SAL=34. 05 SIL=62 PHOS=2. 0
GL 79 SRF#512 GMT=1035 31DEC78 66 41S 145 12E SST=-0. 6 SAL=34. 15 SIL=67 PHOS=1. 6
GL 79 SRF#110 GMT=1125 31DEC78 66 41S 145 12E SST=-0. 6 SAL=33. 87 SIL=69 PHOS=1. 8
GL 79 SRF#111 GMT=1500 31DEC78 66 57S 145 12E SST=-0. 7 SAL=34. 02 SIL=63 PHOS=1. 7
GL 79 SRF#513 GMT=1608 31DEC78 67 0S 145 14E SST=-0. 6 SAL=34. 11 SIL=67 PHOS=1. 5
GL 79 SRF#112 GMT=1710 31DEC78 67 50S 145 14E SST=-0. 6 SAL=34. 11 SIL=65 PHOS=1. 7
GL 79 SRF#113 GMT=2105 31DEC78 66 48S 145 53E SST=-0. 1 SAL=34. 10 SIL=65 PHOS=1. 7
GL 79 SRF#114 GMT=2310 31DEC78 66 53S 146 22E SST=-0. 4 SAL=34. 19 SIL=68 PHOS=1. 4
GL 79 SRF#115 GMT= 315 01JAN79 66 45S 146 39E SST=-0. 3 SAL=34. 06 SIL=66 PHOS=1. 5
GL 79 SRF#116 GMT= 445 01JAN79 66 36S 146 54E SST=-0. 4 SAL=33. 84 SIL=68 PHOS=1. 5
GL 79 SRF#514 GMT= 546 01JAN79 66 33S 147 1E SST=-0. 3 SAL=33. 90 SIL= PHOS= PHOS=1. 4
GL 79 SRF#117 GMT= 630 01JAN79 66 33S 147 1E SST=-0. 3 SAL=33. 40 SIL=62 PHOS=1. 4
GL 79 SRF#123 GMT= 630 01JAN79 66 33S 147 1E SST= 0. 0 SAL= SIL= PHOS= PHOS=1. 4
GL 79 SRF#515 GMT=1028 01JAN79 66 50S 146 59E SST=-0. 4 SAL=33. 80 SIL= PHOS= PHOS=1. 7
GL 79 SRF#118 GMT=1110 01JAN79 66 49S 146 59E SST=-0. 4 SAL=33. 80 SIL=68 PHOS=1. 4
GL 79 SRF#119 GMT=1340 01JAN79 66 55S 146 55E SST=-0. 4 SAL=34. 01 SIL=58 PHOS=1. 4
GL 79 SRF#516 GMT=1502 01JAN79 67 3S 147 0E SST=-0. 4 SAL=34. 05 SIL=65 PHOS=1. 3
GL 79 SRF#120 GMT=1540 01JAN79 67 3S 147 0E SST=-0. 4 SAL= SIL=58 PHOS=1. 5
GL 79 SRF#517 GMT=1905 01JAN79 67 34S 147 0E SST=-0. 5 SAL=34. 10 SIL=67 PHOS=1. 5
GL 79 SRF#121 GMT=1931 01JAN79 67 17S 146 59E SST=-0. 5 SAL=34. 10 SIL=59 PHOS=1. 5
GL 79 SRF#122 GMT=2130 01JAN79 67 24S 147 1E SST=-0. 5 SAL=34. 19 SIL=65 PHOS=1. 5
GL 79 SRF#518 GMT=2205 01JAN79 67 34S 146 0E SST=-0. 5 SAL=34. 26 SIL= PHOS= PHOS=1. 5
GL 79 SRF#124 GMT=2325 01JAN79 67 34S 146 0E SST= 0. 0 SAL=34. 26 SIL=61 PHOS=1. 4
GL 79 SRF#519 GMT= 348 02JAN79 67 42S 146 55E SST= 0. 0 SAL=34. 39 SIL=72 PHOS=1. 9
GL 79 SRF#197 GMT= 450 02JAN79 67 42S 146 57E SST=-0. 7 SAL=34. 39 SIL= PHOS= PHOS=1. 9
GL 79 SRF#125 GMT= 840 02JAN79 67 50S 146 53E SST=-0. 6 SAL=34. 42 SIL=65 PHOS=1. 7
GL 79 SRF#126 GMT= 950 02JAN79 67 49S 146 51E SST=-0. 4 SAL=34. 40 SIL=72 PHOS=1. 8
GL 79 SRF#127 GMT=1245 02JAN79 67 38S 148 8E SST=-0. 6 SAL=34. 19 SIL=68 PHOS=1. 5
GL 79 SRF#520 GMT=1349 02JAN79 67 36S 148 15E SST=-0. 3 SAL=34. 22 SIL= PHOS= PHOS=1. 5
GL 79 SRF#128 GMT=1414 02JAN79 67 36S 148 15E SST=-0. 3 SAL=34. 22 SIL=70 PHOS=1. 5
GL 79 SRF#129 GMT=1905 02JAN79 67 29S 148 47E SST=-0. 9 SAL=34. 36 SIL=64 PHOS=2. 0
GL 79 SRF#521 GMT=2025 02JAN79 67 23S 149 1E SST=-0. 7 SAL=34. 34 SIL= PHOS= PHOS=2. 4
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GL 79 SRF#522 GMT= 247 03JAN79 67 10S 148 14E SST= 0. 0 SAL=34. 23 SIL= PHOS= PHOS=1. 6
GL 79 SRF#131 GMT= 330 03JAN79 67 90S 148 13E SST=-0. 3 SAL=34. 20 SIL=65 PHOS=1. 6
GL 79 SRF#523 GMT= 645 03JAN79 66 54S 148 19E SST=-0. 2 SAL=33. 76 SIL= PHOS= PHOS=1. 5
GL 79 SRF#132 GMT= 740 03JAN79 66 54S 148 19E SST=-0. 2 SAL=33. 76 SIL=59 PHOS=1. 5
GL 79 SRF#524 GMT=1008 03JAN79 66 40S 148 44E SST= 0. 0 SAL=34. 14 SIL= PHOS= PHOS=1. 5
GL 79 SRF#133 GMT=1030 03JAN79 66 40S 148 45E SST= 0. 0 SAL=34. 14 SIL=63 PHOS=1. 5
GL 79 SRF#134 GMT=1255 03JAN79 66 33S 148 42E SST=-0. 1 SAL=34. 12 SIL=69 PHOS=1. 4
GL 79 SRF#525 GMT=1436 03JAN79 66 24S 148 36E SST= 0. 3 SAL=33. 90 SIL= PHOS= PHOS=0. 9
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GL 79 SRF#136 GMT=1655 03JAN79 66 17S 148 35E SST=-0. 2 SAL=33. 73 SIL=65 PHOS=1. 3
GL 79 SRF#526 GMT=1852 03JAN79 66 9S 148 35E SST=-0. 7 SAL=33. 92 SIL= PHOS= PHOS=1. 8
GL 79 SRF#604 GMT=1905 03JAN79 66 9S 148 36E SST=-0. 3 SAL=33. 92 SIL= PHOS= PHOS=1. 9
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GL 79 SRF#137 GMT= 300 04JAN79 66 7S 147 40E SST=-0. 1 SAL=33. 90 SIL=68 PHOS=1. 9
GL 79 SRF#138 GMT= 440 04JAN79 66 9S 147 9E SST= 0. 0 SAL=33. 93 SIL=59 PHOS=1. 9
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GL 79 SRF#606 GMT= 545 04JAN79 66 8S 147 3E SST= 0. 0 SAL=33. 89 SIL= PHOS= PHOS=1. 9
GL 79 SRF#529 GMT=1118 04JAN79 65 53S 146 52E SST= 0. 0 SAL=33. 81 SIL= PHOS= PHOS=1. 9
GL 79 SRF#607 GMT=1155 04JAN79 65 53S 146 51E SST=-0. 7 SAL=33. 91 SIL= PHOS= PHOS=1. 9
GL 79 SRF#530 GMT=1430 04JAN79 65 52S 146 41E SST=-0. 7 SAL=33. 90 SIL= PHOS= PHOS=1. 9
GL 79 SRF#139 GMT=1520 04JAN79 65 52S 146 40E SST=-1. 1 SAL=33. 90 SIL= PHOS= PHOS=2. 1
GL 79 SRF#140 GMT=1900 04JAN79 65 44S 146 31E SST=-1. 6 SAL=33. 91 SIL=63 PHOS=2. 1
GL 79 SRF#531 GMT=2044 04JAN79 65 41S 146 34E SST=-1. 6 SAL=33. 79 SIL= PHOS= PHOS=1. 9
GL 79 SRF#141 GMT=2205 04JAN79 65 41S 146 33E SST=-1. 6 SAL=33. 79 SIL=59 PHOS=1. 9
GL 79 SRF#142 GMT= 235 05JAN79 65 40S 146 60E SST=-1. 2 SAL=32. 95 SIL=48 PHOS=1. 9
GL 79 SRF#143 GMT= 535 05JAN79 65 27S 147 32E SST=-1. 0 SAL=33. 28 SIL=51 PHOS=2. 0
GL 79 SRF#144 GMT= 900 05JAN79 65 15S 148 4E SST=-1. 5 SAL=33. 34 SIL=51 PHOS=2. 0
GL 79 SRF#145 GMT=1200 05JAN79 65 11S 149 18E SST= 0. 1 SAL=33. 61 SIL=49 PHOS=2. 0
GL 79 SRF#146 GMT=1530 05JAN79 65 4S 150 32E SST=-1. 2 SAL=33. 14 SIL=54 PHOS=2. 0
GL 79 SRF#147 GMT=1755 05JAN79 65 6S 151 18E SST=-1. 2 SAL=33. 04 SIL=55 PHOS=2. 0
GL 79 SRF#148 GMT=2015 05JAN79 65 2S 151 52E SST=-0. 7 SAL=33. 18 SIL=55 PHOS=2. 0
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GL 79 SRF#150 GMT= 105 06JAN79 64 50S 153 45E SST= 0. 4 SAL=33. 87 SIL=31 PHOS=1. 6
GL 79 SRF#151 GMT= 300 06JAN79 64 46S 154 39E SST= 0. 6 SAL=33. 87 SIL=34 PHOS=1. 7
GL 79 SRF#152 GMT= 500 06JAN79 66 44S 155 28E SST= 0. 8 SAL=33. 72 SIL=31 PHOS=1. 5

GL	79	SRF#153	GMT= 900	06JAN79	64	36S	157	62E	SST= 0.4	SAL=33.61	SIL=46	PHOS=1.8
GL	79	SRF#154	GMT=1045	06JAN79	64	33S	158	4E	SST= 0.0	SAL=33.48	SIL=57	PHOS=1.9
GL	79	SRF#155	GMT=1300	06JAN79	64	29S	159	11E	SST=-1.1	SAL=33.07	SIL=62	PHOS=1.9
GL	79	SRF#156	GMT=1505	06JAN79	64	21S	159	49E	SST=-1.0	SAL=32.91	SIL=57	PHOS=2.0
GL	79	SRF#157	GMT=1700	06JAN79	64	22S	160	34E	SST=-1.1	SAL=33.07	SIL=66	PHOS=2.0
GL	79	SRF#158	GMT=1900	06JAN79	64	22S	161	18E	SST=-1.2	SAL=33.31	SIL=63	PHOS=2.1
GL	79	SRF#159	GMT=2105	06JAN79	64	21S	162	16E	SST=-0.2	SAL=33.24	SIL=49	PHOS=1.6
GL	79	SRF#160	GMT=2300	06JAN79	64	20S	163	19E	SST=-0.2	SAL=33.41	SIL=58	PHOS=1.8
GL	79	SRF#161	GMT= 100	07JAN79	64	18S	164	15E	SST= 0.5	SAL=33.38	SIL=48	PHOS=1.3
GL	79	SRF#162	GMT= 310	07JAN79	64	33S	165	4E	SST= 0.1	SAL=33.25	SIL=58	PHOS=1.3
GL	79	SRF#163	GMT= 500	07JAN79	64	49S	165	28E	SST= 0.4	SAL=33.45	SIL=56	PHOS=1.6
GL	79	SRF#164	GMT= 700	07JAN79	65	8S	166	8E	SST= 0.6	SAL=33.25	SIL=57	PHOS=1.5
GL	79	SRF#165	GMT= 900	07JAN79	65	24S	166	50E	SST= 0.7	SAL=33.97	SIL=54	PHOS=1.5
GL	79	SRF#166	GMT=1100	07JAN79	65	44S	167	24E	SST= 0.3	SAL=	SIL=65	PHOS=1.8
GL	79	SRF#167	GMT=1315	07JAN79	66	7S	168	7E	SST= 0.6	SAL=33.88	SIL=54	PHOS=1.7
GL	79	SRF#168	GMT=1500	07JAN79	66	22S	168	47E	SST= 0.6	SAL=33.57	SIL=62	PHOS=1.9
GL	79	SRF#169	GMT=1700	07JAN79	66	39S	169	30E	SST=-1.3	SAL=33.64	SIL=62	PHOS=2.0
GL	79	SRF#170	GMT=1825	07JAN79	66	48S	170	6E	SST=-1.0	SAL=33.24	SIL=62	PHOS=1.9
GL	79	SRF#171	GMT=2105	07JAN79	67	5S	171	23E	SST=-1.4	SAL=33.65	SIL=65	PHOS=2.0
GL	79	SRF#172	GMT=2300	07JAN79	67	15S	172	15E	SST=-1.1	SAL=33.56	SIL=67	PHOS=2.0
GL	79	SRF#173	GMT= 100	08JAN79	67	23S	173	8E	SST=-1.0	SAL=33.63	SIL=67	PHOS=2.0
GL	79	SRF#174	GMT= 300	08JAN79	66	34S	174	12E	SST=-0.6	SAL=33.23	SIL=63	PHOS=1.9
GL	79	SRF#175	GMT= 515	08JAN79	67	57S	174	15E	SST=-1.0	SAL=33.77	SIL=60	PHOS=1.9
GL	79	SRF#176	GMT= 700	08JAN79	68	24S	174	5E	SST=-1.4	SAL=33.62	SIL=63	PHOS=2.0
GL	79	SRF#177	GMT= 900	08JAN79	68	34S	174	3E	SST=-1.4	SAL=33.69	SIL=63	PHOS=1.9
GL	79	SRF#178	GMT=1200	08JAN79	68	55S	173	47E	SST=-1.6	SAL=33.76	SIL=74	PHOS=2.1
GL	79	SRF#179	GMT=1330	08JAN79	69	12S	173	39E	SST=-1.6	SAL=33.89	SIL=74	PHOS=2.1
GL	79	SRF#180	GMT=1500	08JAN79	69	27S	173	31E	SST=-1.3	SAL=34.10	SIL=54	PHOS=2.1
GL	79	SRF#181	GMT=1700	08JAN79	69	48S	173	18E	SST=-1.1	SAL=34.24	SIL=56	PHOS=2.1
GL	79	SRF#182	GMT=1900	08JAN79	70	8S	173	7E	SST=-1.1	SAL=34.23	SIL=58	PHOS=2.1
GL	79	SRF#183	GMT=2105	08JAN79	70	28S	172	50E	SST=-1.2	SAL=34.24	SIL=59	PHOS=2.2
GL	79	SRF#184	GMT=2305	08JAN79	70	48S	172	35E	SST=-1.0	SAL=34.31	SIL=50	PHOS=1.9
GL	79	SRF#185	GMT= 100	09JAN79	71	8S	172	26E	SST=-1.0	SAL=34.23	SIL=56	PHOS=2.1
GL	79	SRF#186	GMT= 300	09JAN79	71	34S	172	13E	SST=-0.8	SAL=34.61	SIL=65	PHOS=2.1
GL	79	SRF#187	GMT= 505	09JAN79	71	56S	171	52E	SST=-0.6	SAL=34.35	SIL=56	PHOS=2.0
GL	79	SRF#188	GMT= 700	09JAN79	72	17S	171	37E	SST=-1.1	SAL=33.96	SIL=59	PHOS=2.0
GL	79	SRF#189	GMT= 900	09JAN79	72	41S	171	15E	SST= 0.1	SAL=34.16	SIL=59	PHOS=1.8
GL	79	SRF#190	GMT=1100	09JAN79	73	5S	170	52E	SST= 0.6	SAL=34.14	SIL=56	PHOS=1.7
GL	79	SRF#191	GMT=1300	09JAN79	73	32S	170	33E	SST= 0.0	SAL=33.73	SIL=59	PHOS=1.5
GL	79	SRF#192	GMT=1500	09JAN79	73	55S	170	21E	SST= 0.0	SAL=33.71	SIL=56	PHOS=1.4
GL	79	SRF#193	GMT=1700	09JAN79	74	20S	170	11E	SST= 0.9	SAL=34.21	SIL=59	PHOS=1.6
GL	79	SRF#194	GMT=1900	09JAN79	74	46S	169	55E	SST= 1.8	SAL=34.25	SIL=37	PHOS=0.7
GL	79	SRF#195	GMT=2120	09JAN79	75	13S	169	21E	SST= 0.8	SAL=33.05	SIL=48	PHOS=1.1
GL	79	SRF#196	GMT=2315	09JAN79	75	35S	168	58E	SST= 0.6	SAL=33.05	SIL=46	PHOS=1.1
GL	79	SRF#197	GMT= 105	10JAN79	75	38S	168	52E	SST= 0.8	SAL=33.40	SIL=51	PHOS=1.1
GL	79	SRF#198	GMT= 330	10JAN79	76	28S	168	35E	SST= 0.8	SAL=33.79	SIL=58	PHOS=1.3
GL	79	SRF#199	GMT= 505	10JAN79	76	37S	168	27E	SST=-1.2	SAL=33.58	SIL=56	PHOS=1.1
GL	79	SRF#200	GMT= 700	10JAN79	76	51S	167	34E	SST= 0.7	SAL=34.20	SIL=64	PHOS=1.3
GL	79	SRF#201	GMT= 915	10JAN79	77	3S	166	56E	SST=-1.1	SAL=34.12	SIL=59	PHOS=1.6
GL	79	SRF#202	GMT=1100	10JAN79	77	9S	166	10E	SST=-1.4	SAL=33.41	SIL=63	PHOS=1.6
GL	79	SRF#203	GMT=1310	10JAN79	77	24S	165	22E	SST=-1.6	SAL=33.40	SIL=66	PHOS=1.4
GL	79	SRF#204	GMT=1420	10JAN79	77	28S	165	21E	SST= 0.0	SAL=34.10	SIL=70	PHOS=1.4
GL	79	SRF#205	GMT=1040	11JAN79	77	29S	165	25E	SST=-1.6	SAL=32.92	SIL=66	PHOS=1.3
GL	79	SRF#206	GMT= 605	12JAN79	77	80S	165	26E	SST=-1.7	SAL=33.45	SIL=50	PHOS=1.1
GL	79	SRF#207	GMT= 445	13JAN79	77	34S	165	39E	SST=-1.6	SAL=33.26	SIL=61	PHOS=1.3
GL	79	SRF#208	GMT=1830	13JAN79	77	38S	165	31E	SST=-1.5	SAL=33.40	SIL=70	PHOS=1.3
GL	79	SRF#209	GMT=1045	14JAN79	77	34S	165	41E	SST=-1.5	SAL=33.38	SIL=70	PHOS=1.3
GL	79	SRF#210	GMT=2030	14JAN79	77	29S	165	58E	SST=-1.7	SAL=31.11	SIL=65	PHOS=1.2
GL	79	SRF#211	GMT= 746	15JAN79	77	33S	166	6E	SST=-1.4	SAL=33.39	SIL=73	PHOS=1.2
GL	79	SRF#212	GMT=1033	15JAN79	77	35S	166	8E	SST=-1.1	SAL=33.83	SIL=69	PHOS=1.2
GL	79	SRF#213	GMT=2200	15JAN79	77	36S	166	10E	SST=-1.1	SAL=33.87	SIL=69	PHOS=1.2
GL	79	SRF#214	GMT= 315	16JAN79	77	37S	166	10E	SST=-1.2	SAL=33.80	SIL=68	PHOS=1.4
GL	79	SRF#215	GMT=1315	16JAN79	77	39S	166	15E	SST=-1.1	SAL=34.04	SIL=63	PHOS=1.5
GL	79	SRF#216	GMT=2005	16JAN79	77	44S	166	21E	SST=-1.4	SAL=33.80	SIL=72	PHOS=1.4
GL	79	SRF#217	GMT= 450	17JAN79	77	41S	166	17E	SST=-1.4	SAL=33.95	SIL=66	PHOS=1.4
GL	79	SRF#218	GMT=1035	17JAN79	77	43S	166	20E	SST=-1.5	SAL=33.79	SIL=63	PHOS=1.4
GL	79	SRF#219	GMT=2020	17JAN79	77	43S	166	18E	SST=-1.6	SAL=33.88	SIL=73	PHOS=1.4
GL	79	SRF#221	GMT= 250	18JAN79	77	39S	166	16E	SST=-1.3	SAL=33.85	SIL=70	PHOS=1.4
GL	79	SRF#220	GMT=1350	18JAN79	77	41S	166	6E	SST=-1.4	SAL=33.91	SIL=72	PHOS=1.3
GL	79	SRF#222	GMT=2005	18JAN79	77	42S	166	8E	SST=-1.3	SAL=33.74	SIL=73	PHOS=1.4
GL	79	SRF#223	GMT= 722	19JAN79	77	42S	166	8E	SST=-1.6	SAL=33.72	SIL=73	PHOS=1.5
GL	79	SRF#224	GMT=1550	19JAN79	77	44S	166	13E	SST=-1.9	SAL=34.00	SIL=72	PHOS=1.5
GL	79	SRF#225	GMT= 420	20JAN79	77	44S	166	13E	SST=-1.6	SAL=33.99	SIL=72	PHOS=1.5
GL	79	SRF#226	GMT=1745	20JAN79	77	49S	166	14E	SST=-1.7	SAL=33.79	SIL=75	PHOS=1.5
GL	79	SRF#227	GMT=1330	21JAN79	77	46S	166	20E	SST=-1.8	SAL=33.92	SIL=65	PHOS=1.4
GL	79	SRF#228	GMT= 320	22JAN79	77	47S	166	23E	SST=-1.8	SAL=33.30	SIL=71	PHOS=1.5
GL	79	SRF#229	GMT= 530	23JAN79	77	47S	166	25E	SST=-1.6	SAL=33.92	SIL=72	PHOS=1.5
GL	79	SRF#230	GMT=1220	23JAN79	77	48S	166	25E	SST=-1.8	SAL=33.86	SIL=71	PHOS=1.5
GL	79	SRF#231	GMT=1007	24JAN79	77	49S	166	31E	SST=-1.7	SAL=33.84	SIL=73	PHOS=1.5
GL	79	SRF#232	GMT=1220	25JAN79	77	51S	166	34E	SST=-1.5	SAL=34.07	SIL=70	PHOS=1.5
GL	79	SRF#233	GMT=1250	26JAN79	77	45S	166	20E	SST=-1.8	SAL=33.63	SIL=68	PHOS=1.5
GL	79	SRF#234	GMT= 630	28JAN79	77	38S	166	4E	SST=-0.9	SAL=33.98	SIL=71	PHOS=1.5
GL	79	SRF#235	GMT= 135	29JAN79	77	41S	166	3E	SST=-1.6	SAL=33.66	SIL=75	PHOS=1.6
GL	79	SRF#236	GMT= 720	29JAN79	77	44S	166	11E	SST=-1.7	SAL=33.92	SIL=69	PHOS=1.5
GL	79	SRF#237	GMT=1230	29JAN79	77	46S	166	20E	SST=-1.8	SAL=33.41	SIL=70	PHOS=1.5
GL	79	SRF#238	GMT=2245	29JAN79	77	47S	166	23E	SST=-1.8	SAL=33.95	SIL=72	PHOS=1.6
GL	79	SRF#239	GMT=1110	30JAN79	77	39S	166	1E	SST=-1.1	SAL=33.87	SIL=72	PHOS=1.5
GL	79	SRF#240	GMT= 320	31JAN79	77	40S	166	4E	SST=-1.6	SAL=33.89	SIL=68	PHOS=1.6
GL	79	SRF#241	GMT=1345	31JAN79	77	41S	166	8E	SST=-1.8	SAL=34.00	SIL=75	PHOS=1.7
GL	79	SRF#242	GMT=2250	31JAN79	77	37S	165	56E	SST=-1.6	SAL=33.33	SIL=71	PHOS=1.3
GL	79	SRF#243	GMT= 305	01FEB79	77	47S	166	29E	SST=-1.6	SAL=33.77	SIL=68	PHOS=1.5
GL	79	SRF#244	GMT=1102	01FEB79	77	50S	166	32E	SST=-1.7	SAL=34.03	SIL=70	PHOS=1.7
GL	79	SRF#245	GMT=1445	01FEB79	77	42S	166	5E	SST=-1.8	SAL=33.40	SIL=73	PHOS=1.2
GL	79	SRF#246	GMT=2140	01FEB79	77	40S	166	2E	SST= 0.0	SAL=33.70	SIL=71	PHOS=1.3
GL	79	SRF#247	GMT= 645	02FEB79	77	49S	166	27E	SST=-1.5	SAL=34.03	SIL=70	PHOS=1.7
GL	79	SRF#248	GMT= 815	02FEB79	77	29S	166	44E	SST=-0.6	SAL=34.32	SIL=76	PHOS=1.4
GL	79	SRF#249	GMT=1422	07FEB79	77	10S	169	13E	SST= 0.3	SAL=34.39	SIL=64	PHOS=1.2
GL	79	SRF#250	GMT=1508	07FEB79	77	9S	169	35E	SST=-0.8	SAL=34.46	SIL=70	PHOS=1.7
GL	79	SRF#608	GMT=1608	07FEB79	77	12S	170	35E	SST=-0.4	SAL=34.51	SIL=	PHOS=
GL	79	SRF#251	GMT=1847	07FEB79	77	22S	172	45E	SST=-0.8	SAL=34.50	SIL=70	PHOS=1.9
GL	79	SRF#252	GMT=2102	07FEB79	77	16S	174					

GL	79	SRF#273	GMT= 345	15FEB79	77	42S	166	25E	SST=-1.2	SAL=33.35	SIL=68	PHOS=1.8
GL	79	SRF#274	GMT= 615	15FEB79	77	42S	166	46E	SST=-1.2	SAL=33.93	SIL=76	PHOS=2.0
GL	79	SRF#275	GMT=1828	15FEB79	77	16S	166	4E	SST=-0.3	SAL=34.32	SIL=59	PHOS=1.3
GL	79	SRF#276	GMT=2000	15FEB79	77	10S	167	11E	SST= 0.0	SAL=33.79	SIL=26	PHOS=0.5
GL	79	SRF#277	GMT=2150	15FEB79	77	12S	168	58E	SST= 0.0	SAL=34.03	SIL=44	PHOS=0.8
GL	79	SRF#278	GMT= 0	16FEB79	77	11S	171	1E	SST=-1.2	SAL=34.37	SIL=64	PHOS=1.6
GL	79	SRF#279	GMT= 210	16FEB79	77	16S	173	3E	SST=-1.4	SAL=34.34	SIL=68	PHOS=1.7
GL	79	SRF#280	GMT= 605	16FEB79	77	4S	176	31E	SST=-1.3	SAL=34.34	SIL=65	PHOS=1.5
GL	79	SRF#281	GMT= 900	16FEB79	77	52S	178	50E	SST=-0.9	SAL=34.18	SIL=64	PHOS=1.4
GL	79	SRF#282	GMT=1003	16FEB79	78	0S	179	43E	SST=-1.1	SAL=34.12	SIL=32	PHOS=1.2
GL	79	SRF#336	GMT=1453	16FEB79	78	1S	179	46W	SST=-1.3	SAL=	SIL=	PHOS=
GL	79	SRF#283	GMT=1610	16FEB79	78	1S	179	48W	SST=-1.2	SAL=34.26	SIL=62	PHOS=1.4
GL	79	SRF#284	GMT=1655	16FEB79	78	2S	179	23W	SST=-0.7	SAL=34.21	SIL=56	PHOS=1.3
GL	79	SRF#285	GMT=1752	16FEB79	78	0S	178	9W	SST=-0.7	SAL=34.09	SIL=64	PHOS=1.4
GL	79	SRF#286	GMT=1852	16FEB79	78	5S	177	23W	SST=-0.7	SAL=34.02	SIL=63	PHOS=1.3
GL	79	SRF#287	GMT=1952	16FEB79	78	8S	176	26W	SST=-1.0	SAL=34.10	SIL=62	PHOS=1.4
GL	79	SRF#288	GMT=2037	16FEB79	77	10S	175	26W	SST=-1.1	SAL=33.81	SIL=64	PHOS=1.2
GL	79	SRF#289	GMT=2203	16FEB79	78	8S	174	29W	SST=-0.5	SAL=34.29	SIL=63	PHOS=1.6
GL	79	SRF#290	GMT=2252	16FEB79	78	6S	174	1W	SST=-0.9	SAL=34.08	SIL=65	PHOS=1.6
GL	79	SRF#291	GMT= 3	17FEB79	78	14S	173	55W	SST=-1.6	SAL=33.75	SIL=62	PHOS=1.3
GL	79	SRF#292	GMT= 400	17FEB79	78	13S	174	4W	SST=-1.4	SAL=33.68	SIL=63	PHOS=1.4
GL	79	SRF#293	GMT= 745	17FEB79	78	7S	175	5W	SST=-0.8	SAL=34.26	SIL=57	PHOS=1.4
GL	79	SRF#294	GMT=1020	17FEB79	77	37S	175	1W	SST=-0.4	SAL=	SIL=62	PHOS=1.5
GL	79	SRF#295	GMT=1210	17FEB79	77	16S	175	3W	SST=-0.2	SAL=34.34	SIL=63	PHOS=1.6
GL	79	SRF#296	GMT=1400	17FEB79	76	49S	175	19W	SST=-0.9	SAL=34.36	SIL=63	PHOS=1.5
GL	79	SRF#297	GMT=1600	17FEB79	76	24S	175	24W	SST=-0.8	SAL=34.26	SIL=70	PHOS=1.8
GL	79	SRF#298	GMT=1800	17FEB79	75	60S	175	19W	SST= 0.0	SAL=34.26	SIL=70	PHOS=1.8
GL	79	SRF#299	GMT=2028	17FEB79	75	30S	175	13W	SST=-0.7	SAL=34.18	SIL=64	PHOS=1.8
GL	79	SRF#300	GMT= 10	18FEB79	75	18S	175	25W	SST=-0.2	SAL=34.21	SIL=56	PHOS=1.8
GL	79	SRF#537	GMT= 302	18FEB79	75	18S	175	35W	SST= 0.0	SAL=34.20	SIL=58	PHOS=1.9
GL	79	SRF#301	GMT= 428	18FEB79	75	14S	175	47W	SST=-0.4	SAL=34.29	SIL=72	PHOS=2.1
GL	79	SRF# 0	GMT= 510	18FEB79	75	5S	175	57W	SST=-0.4	SAL=34.32	SIL=	PHOS=
GL	79	SRF#302	GMT= 550	18FEB79	74	58S	176	6W	SST= 0.1	SAL=34.37	SIL=65	PHOS=2.2
GL	79	SRF#303	GMT= 810	18FEB79	74	32S	176	38W	SST=-0.2	SAL=34.29	SIL=65	PHOS=2.2
GL	79	SRF#304	GMT=1000	18FEB79	74	12S	177	6W	SST= 0.0	SAL=34.38	SIL=67	PHOS=2.2
GL	79	SRF#305	GMT=1200	18FEB79	73	47S	177	33W	SST=-0.1	SAL=33.95	SIL=65	PHOS=2.1
GL	79	SRF#306	GMT=1354	18FEB79	73	23S	177	56W	SST=-0.1	SAL=34.20	SIL=64	PHOS=2.1
GL	79	SRF#307	GMT=1600	18FEB79	72	56S	178	12W	SST=-0.1	SAL=34.18	SIL=62	PHOS=2.1
GL	79	SRF#308	GMT=1808	18FEB79	72	30S	178	28W	SST=-0.1	SAL=34.30	SIL=61	PHOS=2.1
GL	79	SRF# 0	GMT=1912	18FEB79	72	17S	178	36W	SST=-0.3	SAL=34.30	SIL=	PHOS=
GL	79	SRF#309	GMT=2000	18FEB79	72	7S	178	43W	SST=-0.2	SAL=34.27	SIL=52	PHOS=1.0
GL	79	SRF#310	GMT=2127	18FEB79	72	02S	178	45W	SST=-0.2	SAL=34.25	SIL=62	PHOS=2.1
GL	79	SRF#311	GMT=2315	18FEB79	71	26S	179	10W	SST=-0.3	SAL=34.22	SIL=66	PHOS=2.2
GL	79	SRF#610	GMT=2359	18FEB79	71	16S	179	17W	SST=-0.3	SAL=34.15	SIL=	PHOS=
GL	79	SRF#312	GMT= 10	19FEB79	71	10S	179	22W	SST=-0.2	SAL=34.14	SIL=47	PHOS=0.9
GL	79	SRF#611	GMT= 30	19FEB79	71	10S	179	21W	SST=-0.1	SAL=34.14	SIL=	PHOS=
GL	79	SRF#313	GMT= 100	19FEB79	71	4S	179	46W	SST=-0.3	SAL=34.14	SIL=61	PHOS=2.0
GL	79	SRF#314	GMT= 200	19FEB79	70	50S	179	35W	SST=-0.1	SAL=34.11	SIL=60	PHOS=2.0
GL	79	SRF#315	GMT= 300	19FEB79	70	38S	179	46W	SST=-0.1	SAL=34.12	SIL=61	PHOS=2.0
GL	79	SRF#316	GMT= 350	19FEB79	70	27S	179	54W	SST=-0.2	SAL=34.05	SIL=56	PHOS=2.0
GL	79	SRF#317	GMT= 600	19FEB79	70	5S	179	47E	SST=-0.3	SAL=34.07	SIL=31	PHOS=1.4
GL	79	SRF#318	GMT= 800	19FEB79	69	39S	179	29E	SST=-0.2	SAL=34.09	SIL=57	PHOS=2.0
GL	79	SRF#319	GMT=1000	19FEB79	69	15S	178	59E	SST=-0.2	SAL=33.98	SIL=56	PHOS=2.0
GL	79	SRF#320	GMT=1200	19FEB79	68	53S	178	39E	SST= 0.2	SAL=33.94	SIL=57	PHOS=2.0
GL	79	SRF#321	GMT=1405	19FEB79	68	27S	178	21E	SST= 0.5	SAL=33.95	SIL=58	PHOS=2.0
GL	79	SRF#322	GMT=1600	19FEB79	68	3S	178	4E	SST= 0.7	SAL=33.95	SIL=52	PHOS=1.9
GL	79	SRF#323	GMT=1800	19FEB79	67	38S	177	47E	SST= 0.5	SAL=33.94	SIL=40	PHOS=1.5
GL	79	SRF#324	GMT=2028	19FEB79	67	6S	177	17E	SST= 0.0	SAL=33.88	SIL=48	PHOS=1.8
GL	79	SRF#325	GMT=2210	19FEB79	66	46S	177	7E	SST= 0.0	SAL=33.95	SIL=43	PHOS=1.7
GL	79	SRF#326	GMT= 10	20FEB79	66	21S	176	46E	SST= 1.2	SAL=33.94	SIL=43	PHOS=1.7
GL	79	SRF#327	GMT= 20	20FEB79	65	59S	176	31E	SST= 1.5	SAL=34.02	SIL=48	PHOS=1.7
GL	79	SRF#612	GMT= 300	20FEB79	65	47S	176	22E	SST= 1.7	SAL=34.04	SIL=47	PHOS=1.7
GL	79	SRF#328	GMT= 400	20FEB79	65	35S	176	13E	SST= 1.8	SAL=34.05	SIL=46	PHOS=1.7
GL	79	SRF#329	GMT= 615	20FEB79	65	10S	175	55E	SST= 2.1	SAL=34.06	SIL=36	PHOS=1.6
GL	79	SRF#330	GMT= 802	20FEB79	64	45S	175	38E	SST= 2.0	SAL=34.07	SIL=34	PHOS=1.7
GL	79	SRF#331	GMT=1005	20FEB79	64	19S	175	24E	SST= 2.0	SAL=34.07	SIL=32	PHOS=1.6
GL	79	SRF#332	GMT=1203	20FEB79	63	59S	175	22E	SST= 2.2	SAL=34.04	SIL=18	PHOS=1.5
GL	79	SRF#333	GMT=1400	20FEB79	63	35S	175	14E	SST= 2.6	SAL=33.96	SIL=22	PHOS=1.5
GL	79	SRF#334	GMT=1600	20FEB79	63	9S	174	40E	SST= 3.7	SAL=33.90	SIL= 5	PHOS=1.5
GL	79	SRF#335	GMT=1805	20FEB79	62	44S	174	21E	SST= 4.6	SAL=33.86	SIL= 2	PHOS=1.8
GL	79	SRF#336	GMT=1910	20FEB79	62	41S	174	17E	SST= 4.8	SAL=33.86	SIL= 2	PHOS=1.7
GL	79	SRF#337	GMT=2000	20FEB79	62	30S	174	9E	SST= 4.4	SAL=33.85	SIL= 2	PHOS=1.8
GL	79	SRF#338	GMT=2200	20FEB79	61	54S	174	1E	SST= 4.2	SAL=33.86	SIL= 4	PHOS=1.8
GL	79	SRF#339	GMT= 0	21FEB79	61	30S	173	47E	SST= 4.6	SAL=33.86	SIL= 3	PHOS=1.9
GL	79	SRF#340	GMT= 200	21FEB79	61	6S	173	35E	SST= 4.8	SAL=33.86	SIL= 3	PHOS=1.8
GL	79	SRF#341	GMT= 400	21FEB79	60	41S	173	22E	SST= 5.2	SAL=33.86	SIL= 3	PHOS=1.9
GL	79	SRF#342	GMT= 630	21FEB79	60	9S	173	2E	SST= 6.4	SAL=34.03	SIL= 3	PHOS=1.1
GL	79	SRF#343	GMT= 800	21FEB79	59	50S	172	52E	SST= 5.8	SAL=33.92	SIL= 4	PHOS=1.7
GL	79	SRF#344	GMT=1020	21FEB79	59	19S	172	7E	SST= 5.4	SAL=33.85	SIL= 3	PHOS=1.7
GL	79	SRF#345	GMT=1150	21FEB79	59	0S	172	28E	SST= 6.0	SAL=33.88	SIL= 4	PHOS=1.7
GL	79	SRF#346	GMT=1414	21FEB79	58	31S	172	12E	SST= 6.7	SAL=34.08	SIL= 4	PHOS=1.6
GL	79	SRF#347	GMT=1614	21FEB79	58	6S	172	2E	SST= 7.0	SAL=34.08	SIL= 4	PHOS=1.4
GL	79	SRF#348	GMT=1814	21FEB79	57	41S	171	50E	SST= 6.6	SAL=33.96	SIL= 4	PHOS=1.6
GL	79	SRF#349	GMT=1958	21FEB79	57	20S	171	35E	SST= 7.4	SAL=34.10	SIL= 4	PHOS=1.5
GL	79	SRF#350	GMT=2355	21FEB79	56	26S	171	25E	SST= 6.7	SAL=33.95	SIL= 4	PHOS=1.7
GL	79	SRF#351	GMT= 202	22FEB79	56	3S	171	29E	SST= 7.4	SAL=34.08	SIL= 3	PHOS=1.5
GL	79	SRF#352	GMT= 400	22FEB79	55	42S	171	7E	SST= 7.6	SAL=34.08	SIL= 3	PHOS=1.5
GL	79	SRF#353	GMT= 630	22FEB79	55	16S	170	45E	SST= 7.6	SAL=34.15	SIL= 3	PHOS=1.4
GL	79	SRF#354	GMT= 818	22FEB79	54	31S	170	18E	SST= 6.8	SAL=33.99	SIL= 4	PHOS=1.6
GL	79	SRF#355	GMT= 900	22FEB79	54	41S	170	14E	SST= 8.3	SAL=34.24	SIL= 3	PHOS=1.2
GL	79	SRF#356	GMT=1000	22FEB79	54	20S	170	7E	SST= 8.7	SAL=34.35	SIL= 2	PHOS=1.1
GL	79	SRF#357	GMT=1200	22FEB79	54	0S	169	37E	SST= 8.5	SAL=34.30	SIL= 3	PHOS=1.2
GL	79	SRF#358	GMT=1408	22FEB79	53	32S	169	50E	SST= 8.7	SAL=34.30	SIL= 3	PHOS=1.2
GL	79	SRF#359	GMT=1601	22FEB79	53	9S	169	43E	SST= 8.7	SAL=34.34	SIL= 3	PHOS=1.1
GL	79	SRF#360	GMT=1700	22FEB79	52	43S	169	32E	SST= 8.9	SAL=34.37	SIL= 2	PHOS=1.1
GL	79	SRF#361	GMT=1955	22FEB79	52	20S	169	40S	SST= 9.3	SAL=34.36	SIL= 3	PHOS=1.2
GL	79	SRF#362	GMT=2245	22FEB79	51	57S	169	47E	SST= 9.4	SAL=34.38	SIL= 2	PHOS=1.1
GL	79	SRF#363	GMT= 5	23FEB79	51	41S	169	54E	SST= 8.8	SAL=34.35	SIL= 3	PHOS=1.3
GL	79	SRF#364	GMT= 305	23FEB79	51	10S	170	3E	SST= 8.9	SAL=34.37	SIL= 1	PHOS=0.9
GL	79	SRF#365	GMT= 409	23FEB79	50	60S	170	7E	SST= 9.5	SAL=34.37	SIL= 1	PHOS=1.0
GL	79	SRF#366	GMT= 605	23FEB79	50	41S	170	23E	SST= 9.8	SAL=34.37		

ACKNOWLEDGEMENTS

Over the several years of this project, many people have contributed considerable time and effort to planning and to data collection and analysis. The following personnel participated directly in the field expeditions: J. Ardaí and S. Jacobs (NW 77, J-9, BI 78), A. Amos (NW 77, GL 79), P. Bruchhausen (J-9, BI 78), S. Patla (J-9, GL 79), P. McDonald and M. Rodman (NW 77), J. Szelag, P. Woodroffe and D. Woodroffe (GL 79). We were assisted by Coast Guard personnel, among whom special mention should be made of P. SanJule (NW 77), G. Stillman (GL 79), and the MST groups on each cruise.

Considerable help in our J-9 operations was provided by J. Clough, K. Kuivinen and others associated with the RISP Management Office (University of Nebraska). D. Woodroffe assisted with the data reduction, S. Rennie and P. Mele with computer programming, S. Porta, M. Turner and K. O'Neill with drafting, and A. Baker did most of the typing. J. Bottero and D. Pillsbury processed the 7-month current meter record. Several items of equipment used at J-9 were constructed by E. Suckling. E. Thorndike built the deep-sea camera used and the nephelometer lost at J-9. L. Johnson (Johnson and Vanney, 1980) supplied bathymetric charts used in preparing the front and rear covers. NW 77 and GL 79 nutrient determinations were carried out by personnel at the University of Texas, Port Aransas Marine Laboratory. B. Deck processed nutrient samples from J-9 and BI 78. K. Hunkins loaned us current meter equipment used during the second year at J-9. A. Piola and M. Raymer, Woods Hole Oceanographic Institution, translated some magnetic tapes for us. The Lamont paper recycling account helped with printing costs.

A. Gordon was Co-Principal Investigator with S. Jacobs on the National Science Foundation grants to Columbia University that supported this work: DPP 76-11872, 77-22209 and 79-18674, B. Lettau, program manager.

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